

FIG.1B

FIG.1A

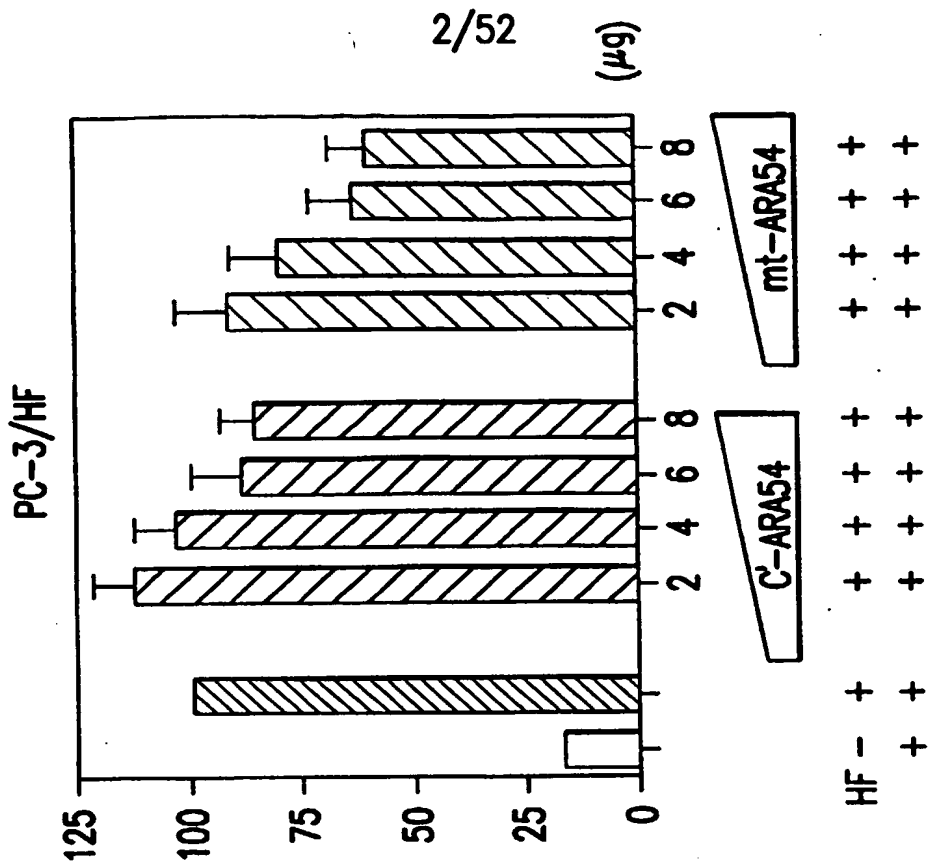


FIG.1D

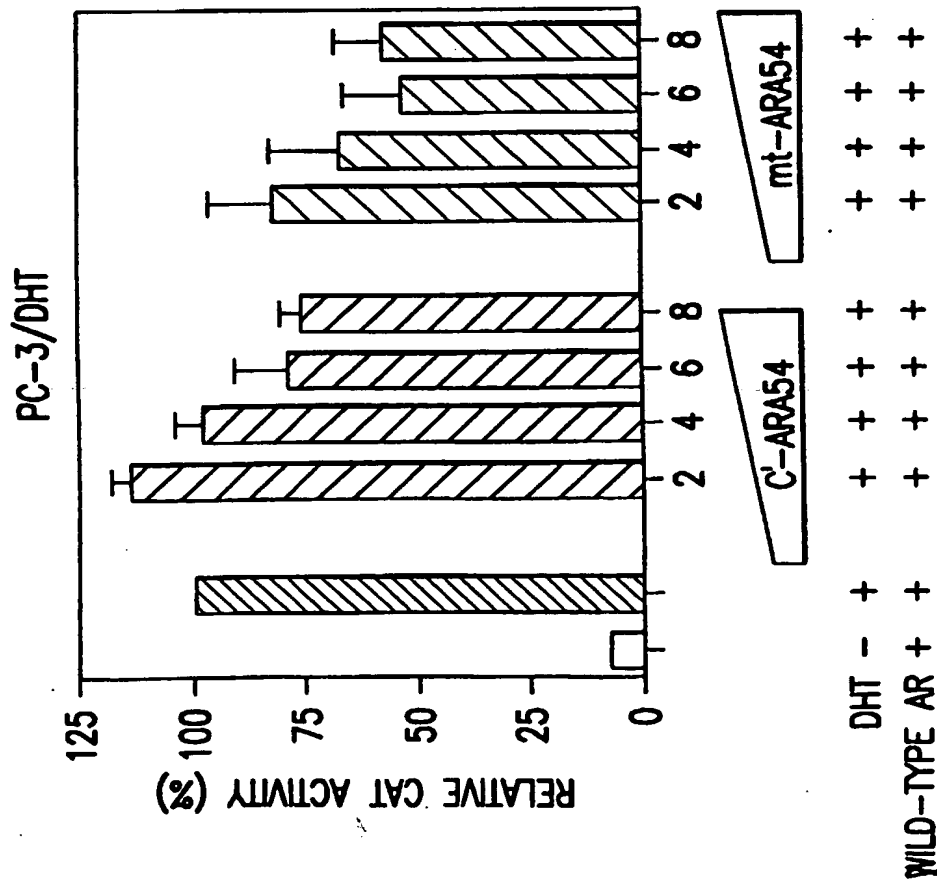


FIG.1C

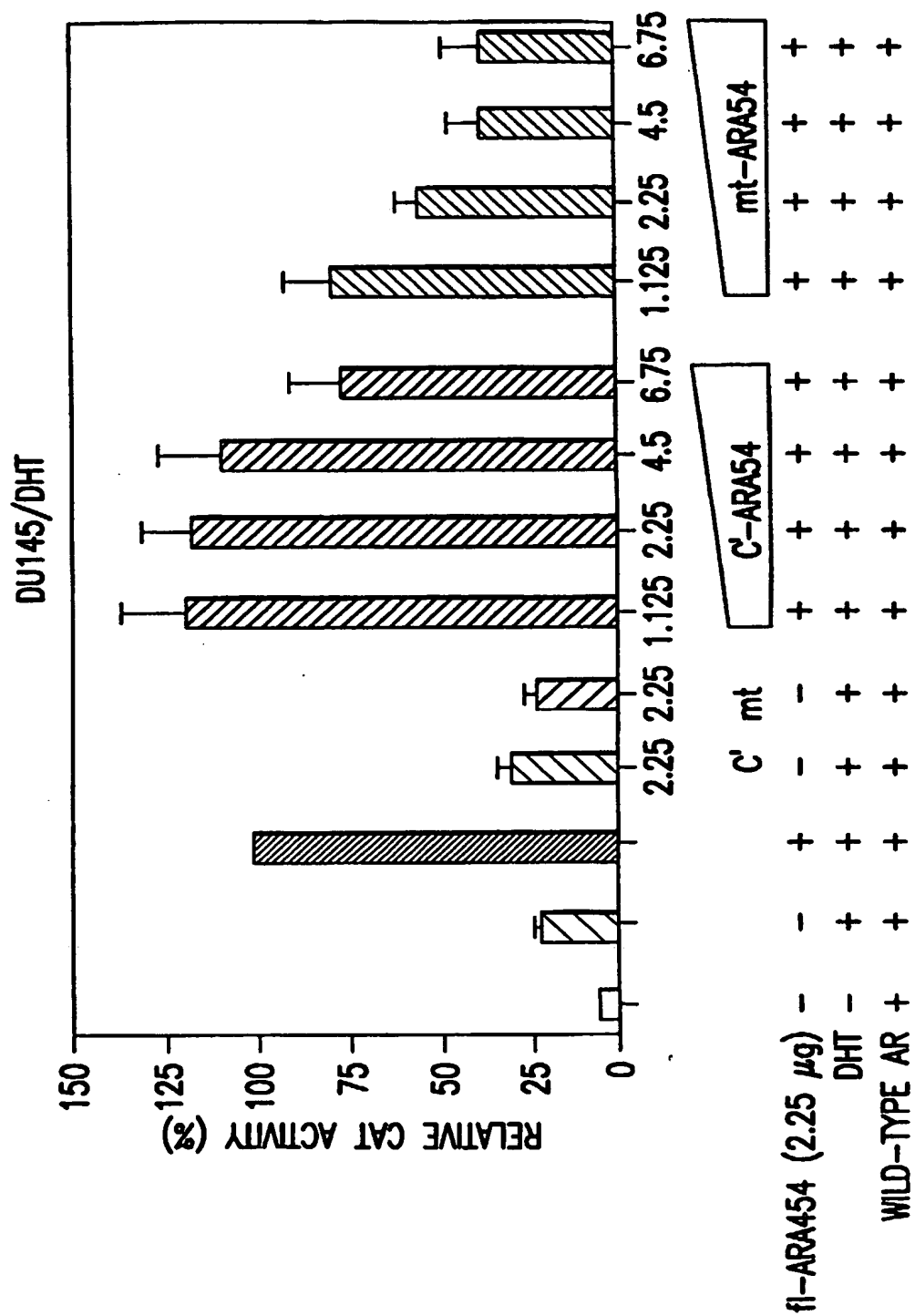


FIG. 1E

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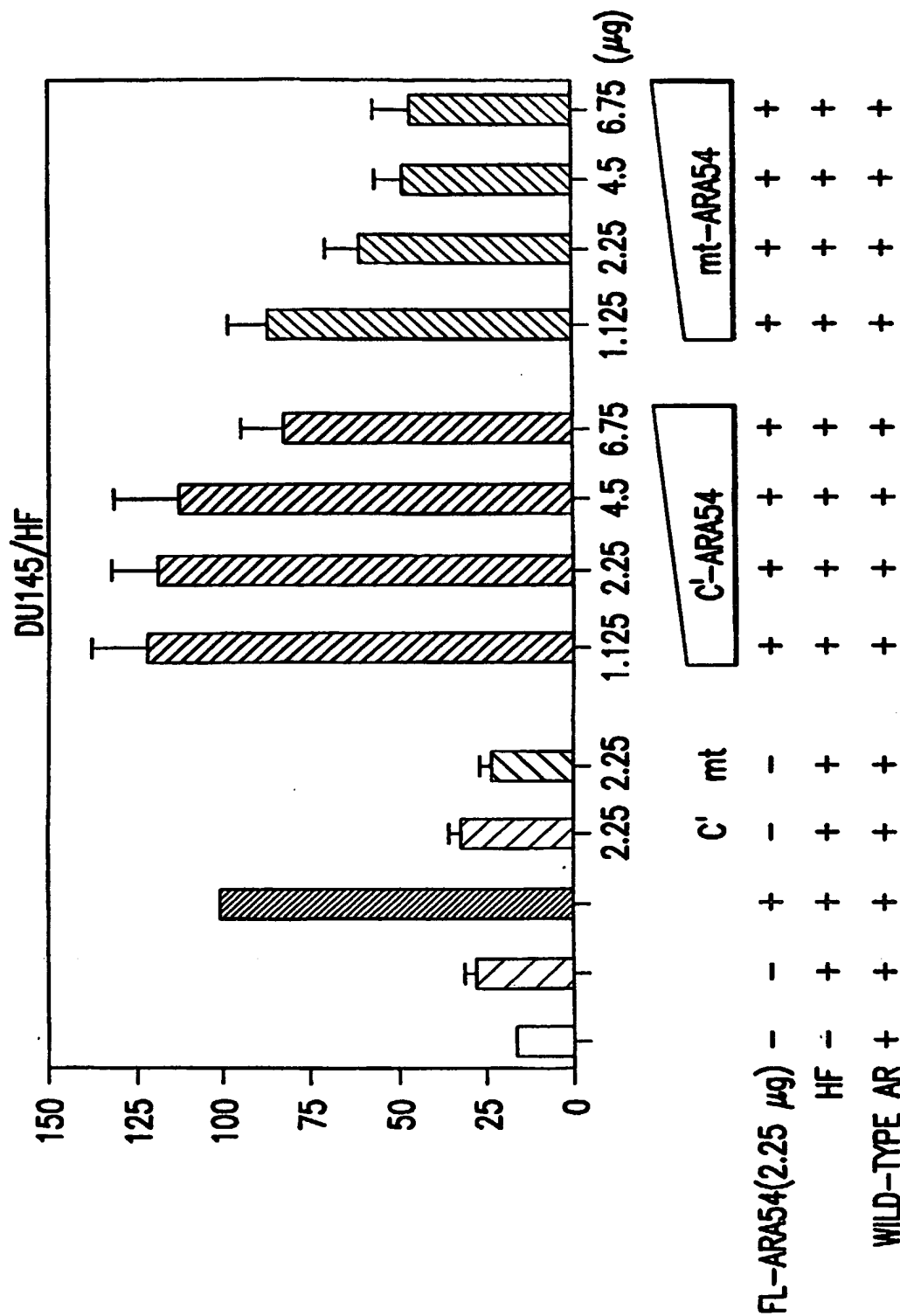


FIG.1F

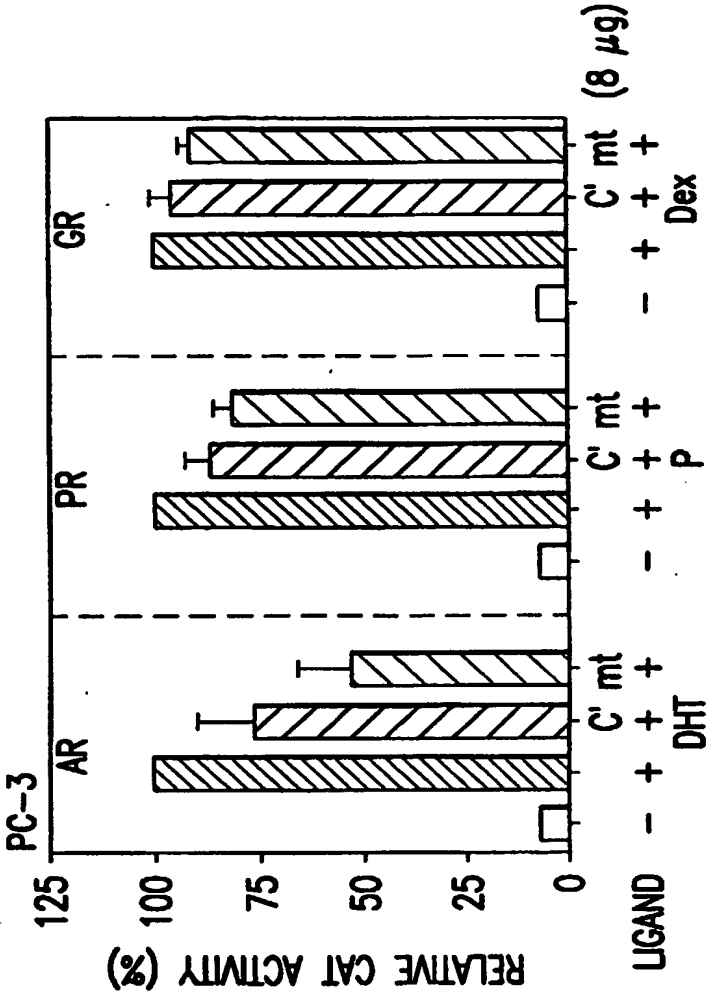


FIG.2A

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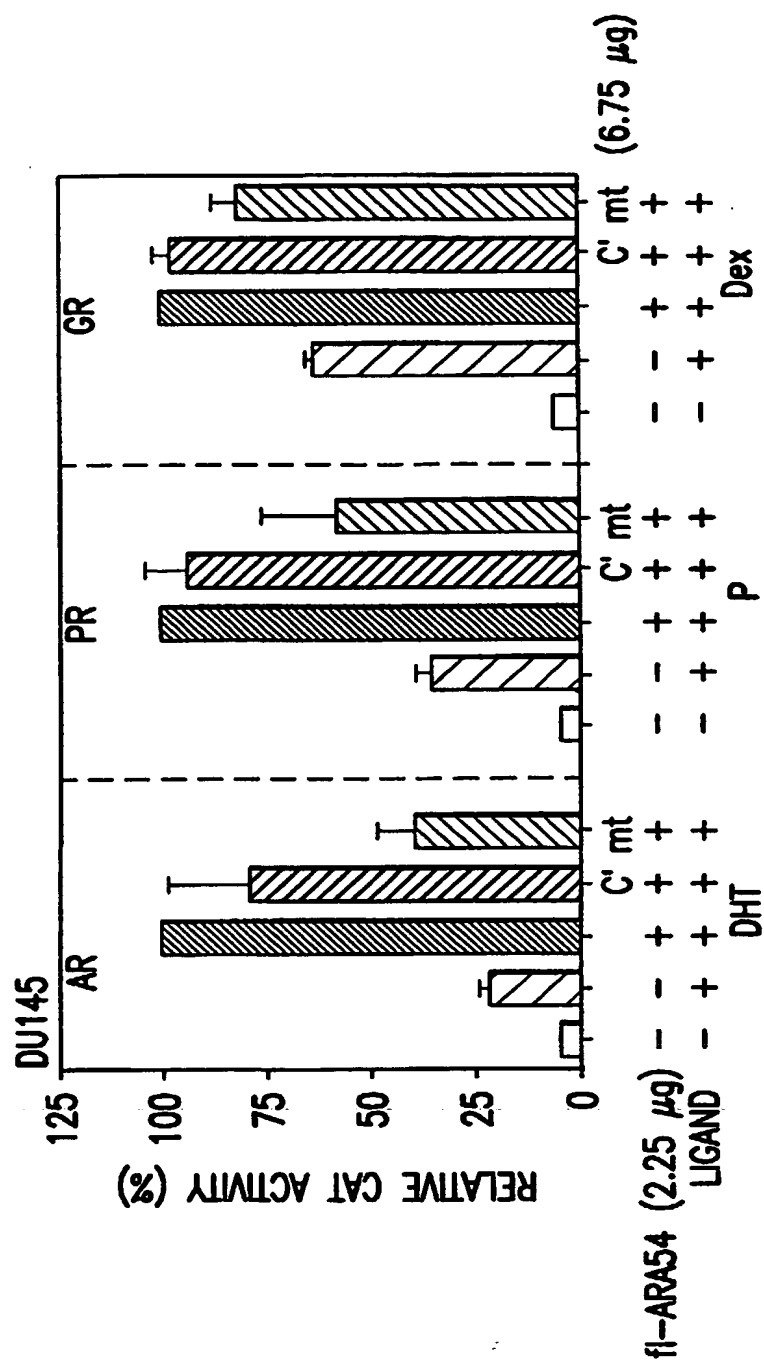


FIG.2B



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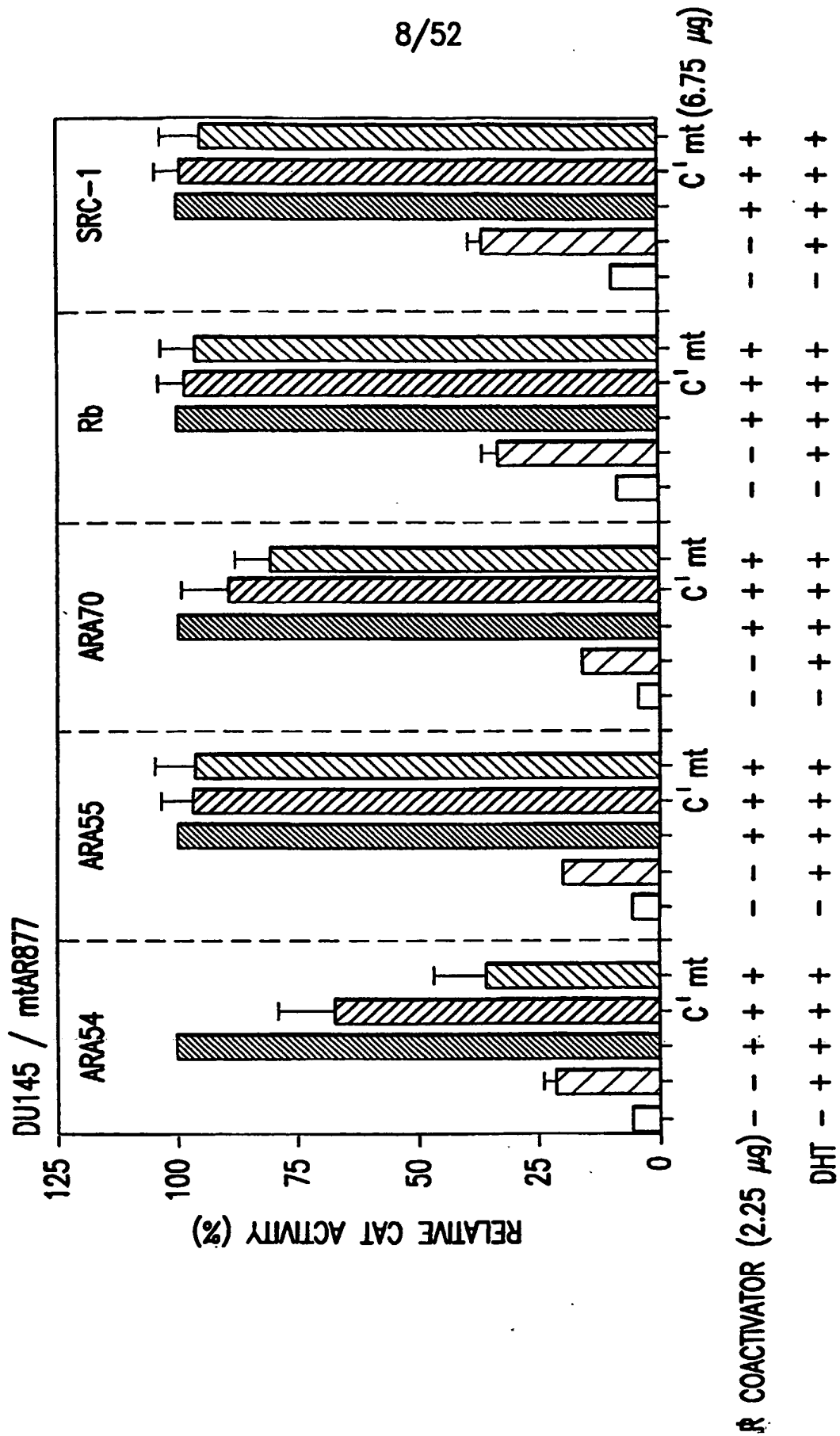


FIG.3B

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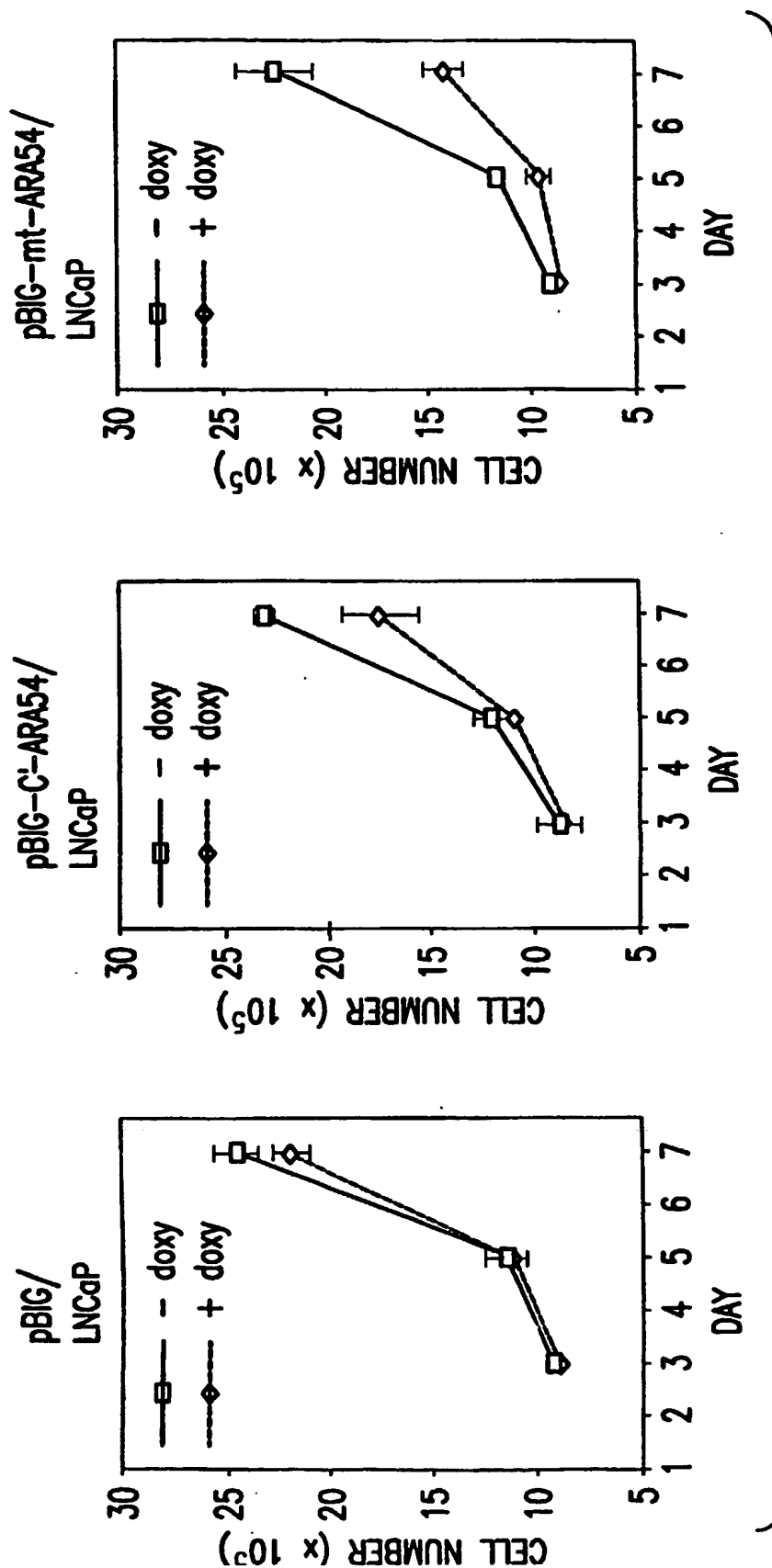


FIG. 4A1

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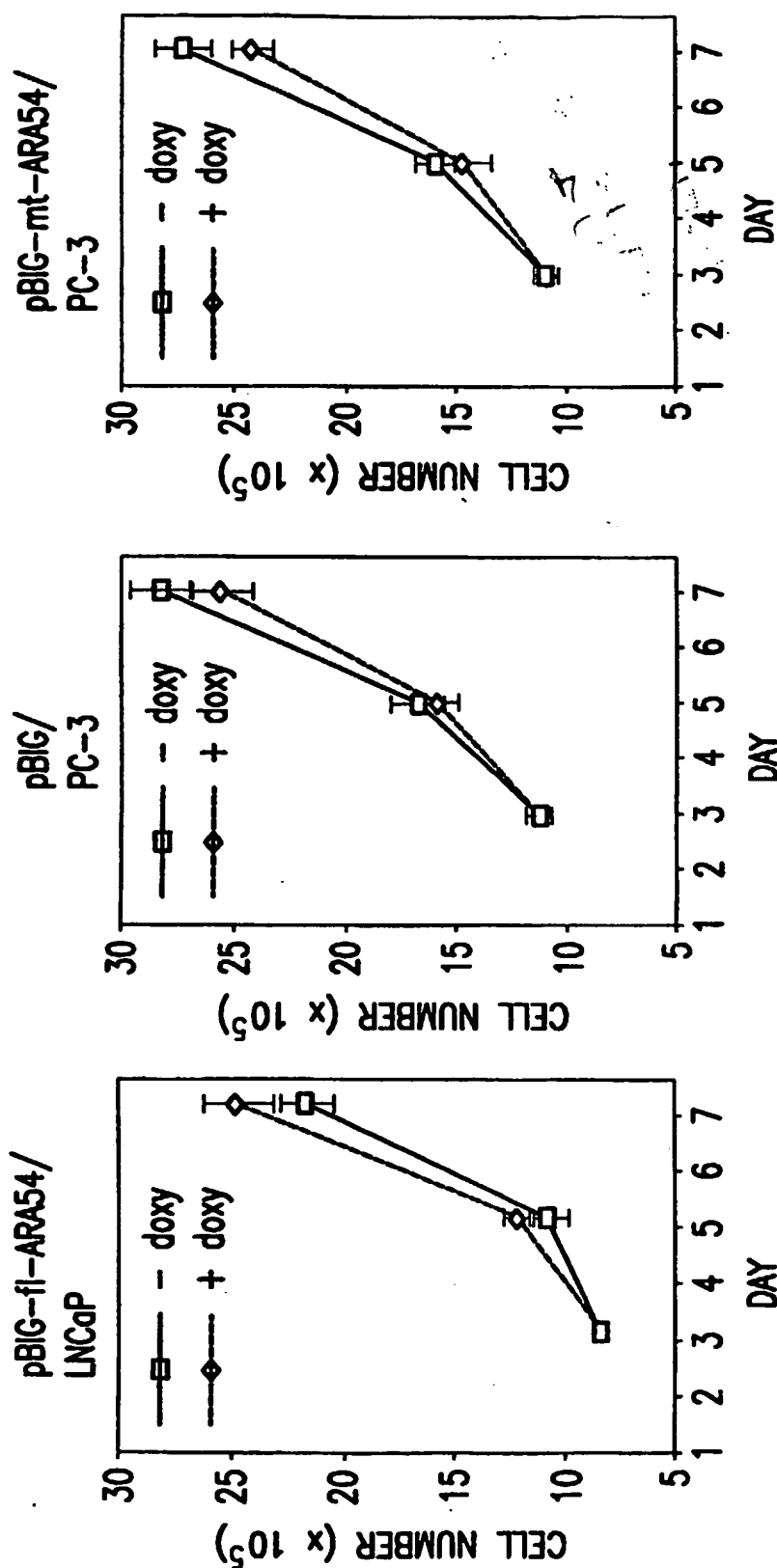


FIG.4A2

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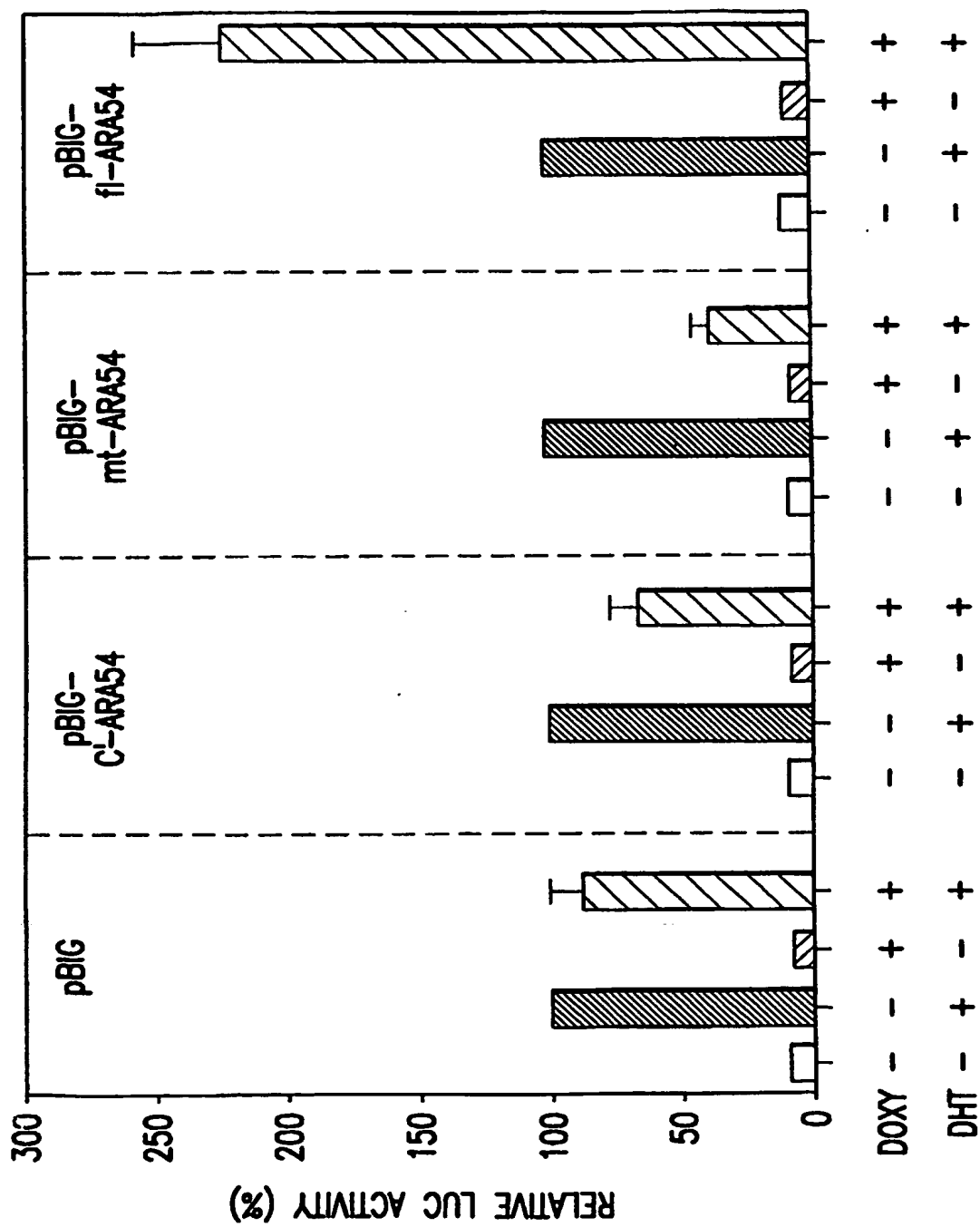
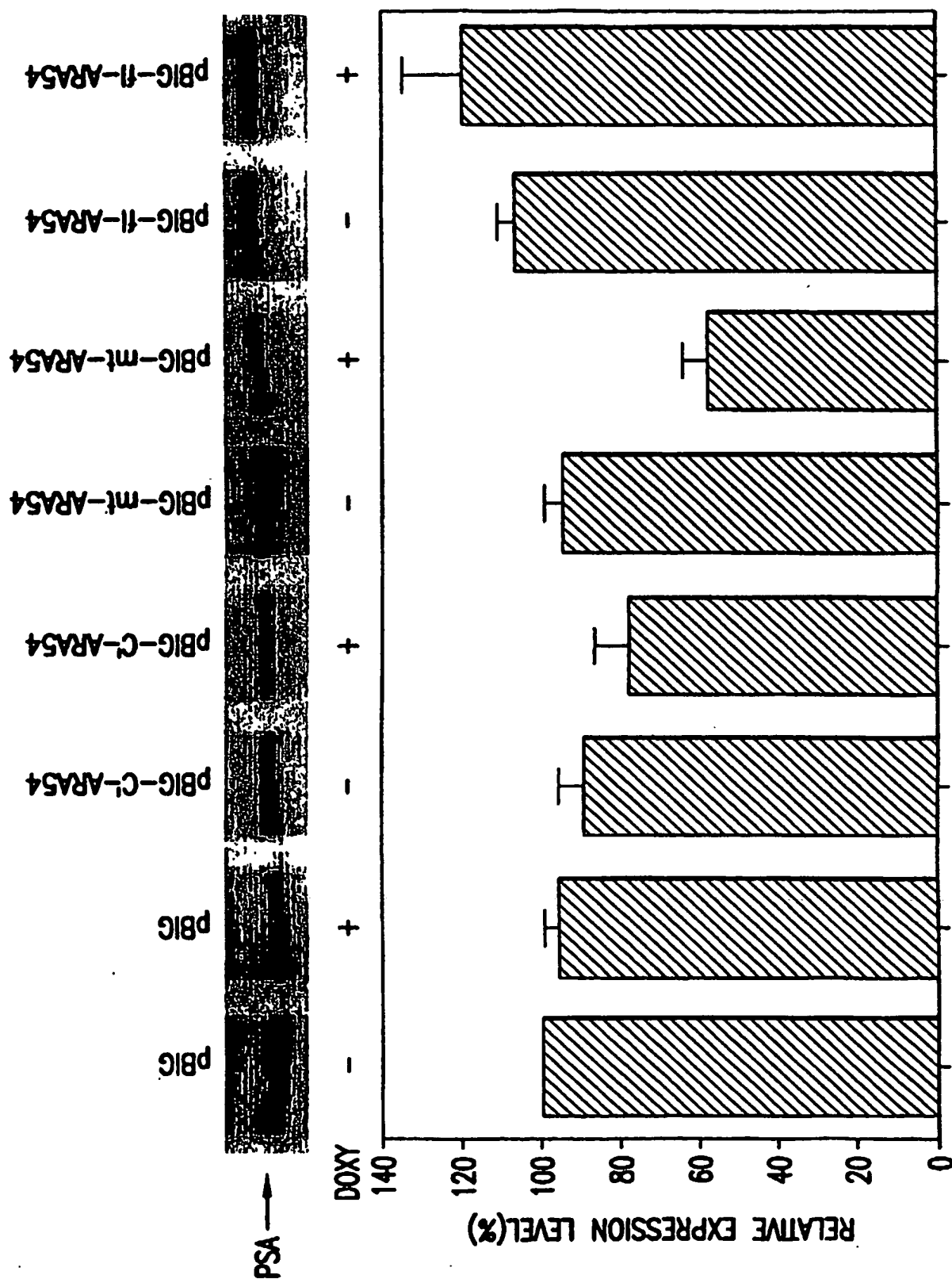


FIG.4B

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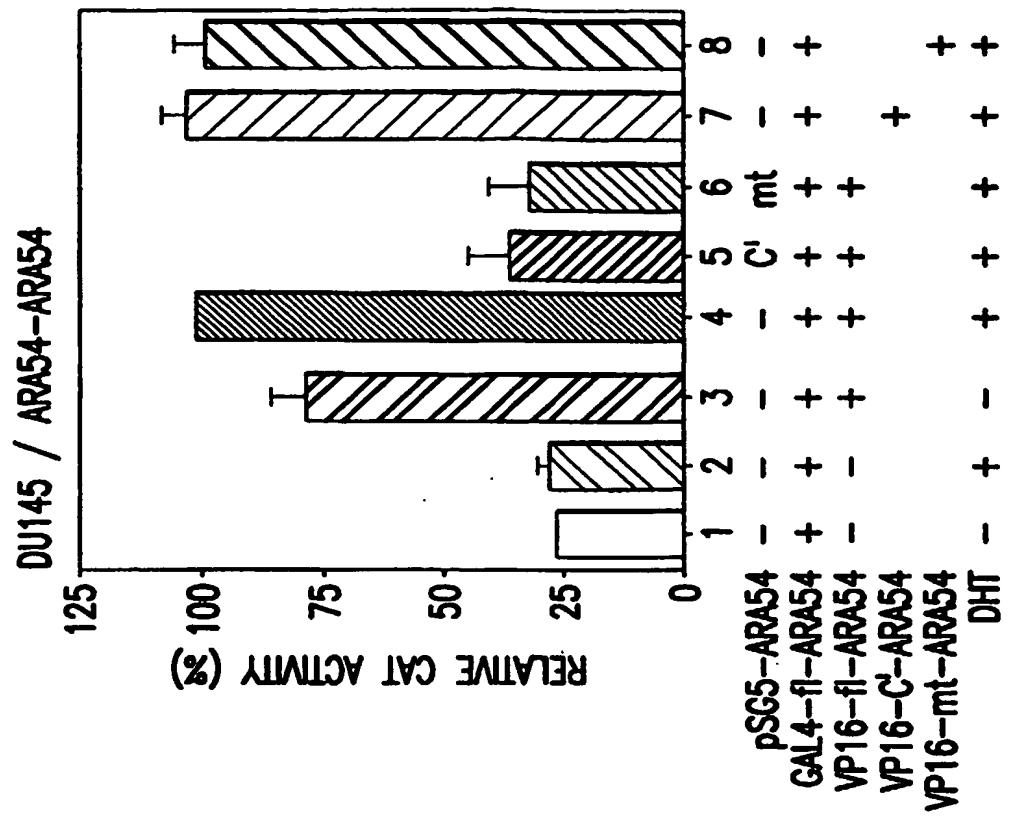


FIG.5B

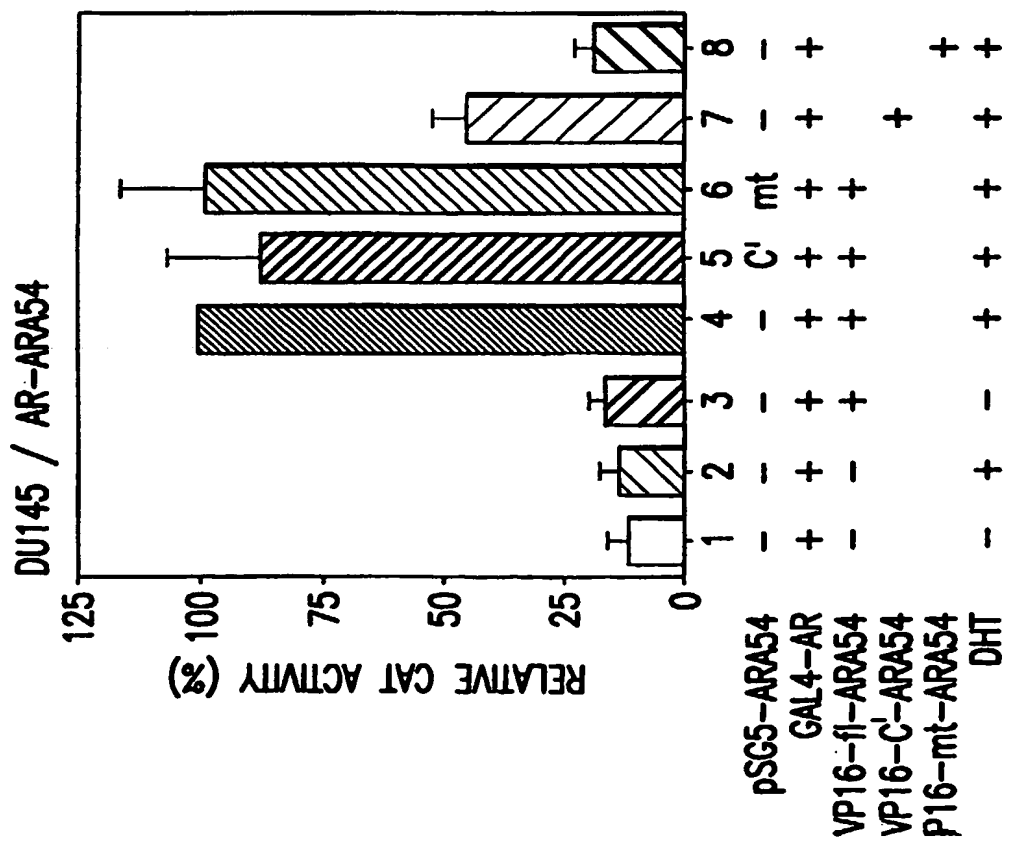


FIG.5A

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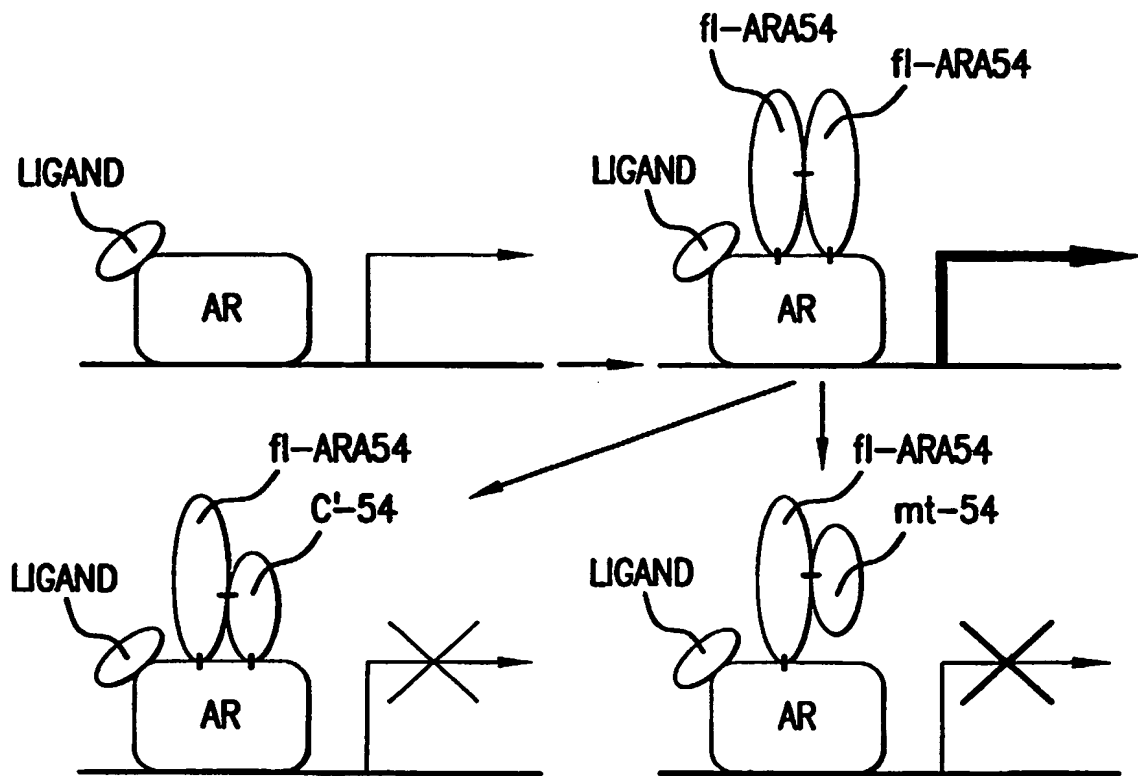


FIG.6

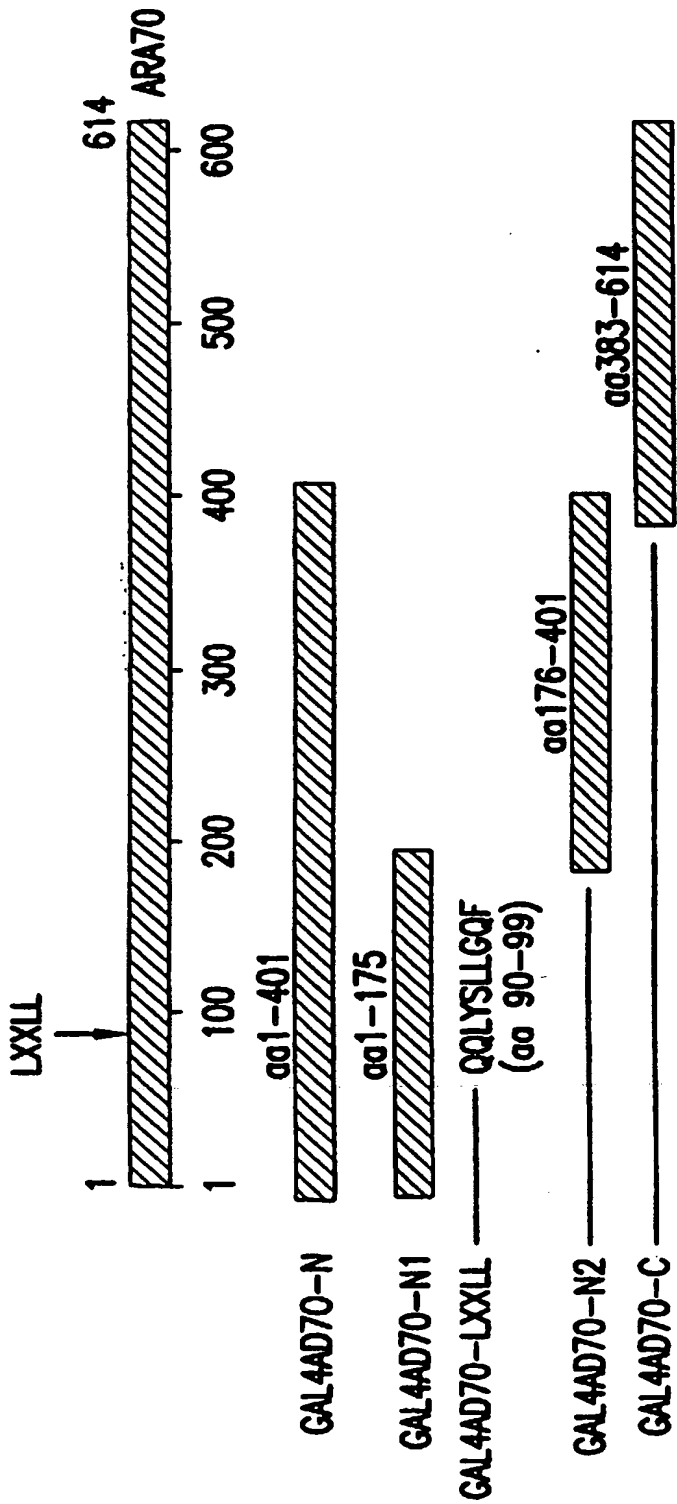


FIG.7A

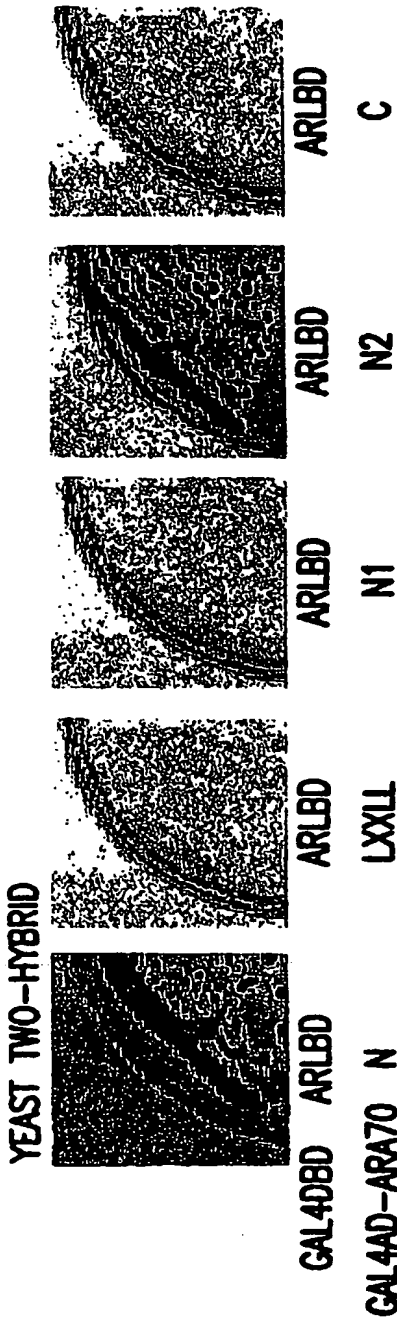


FIG.7B

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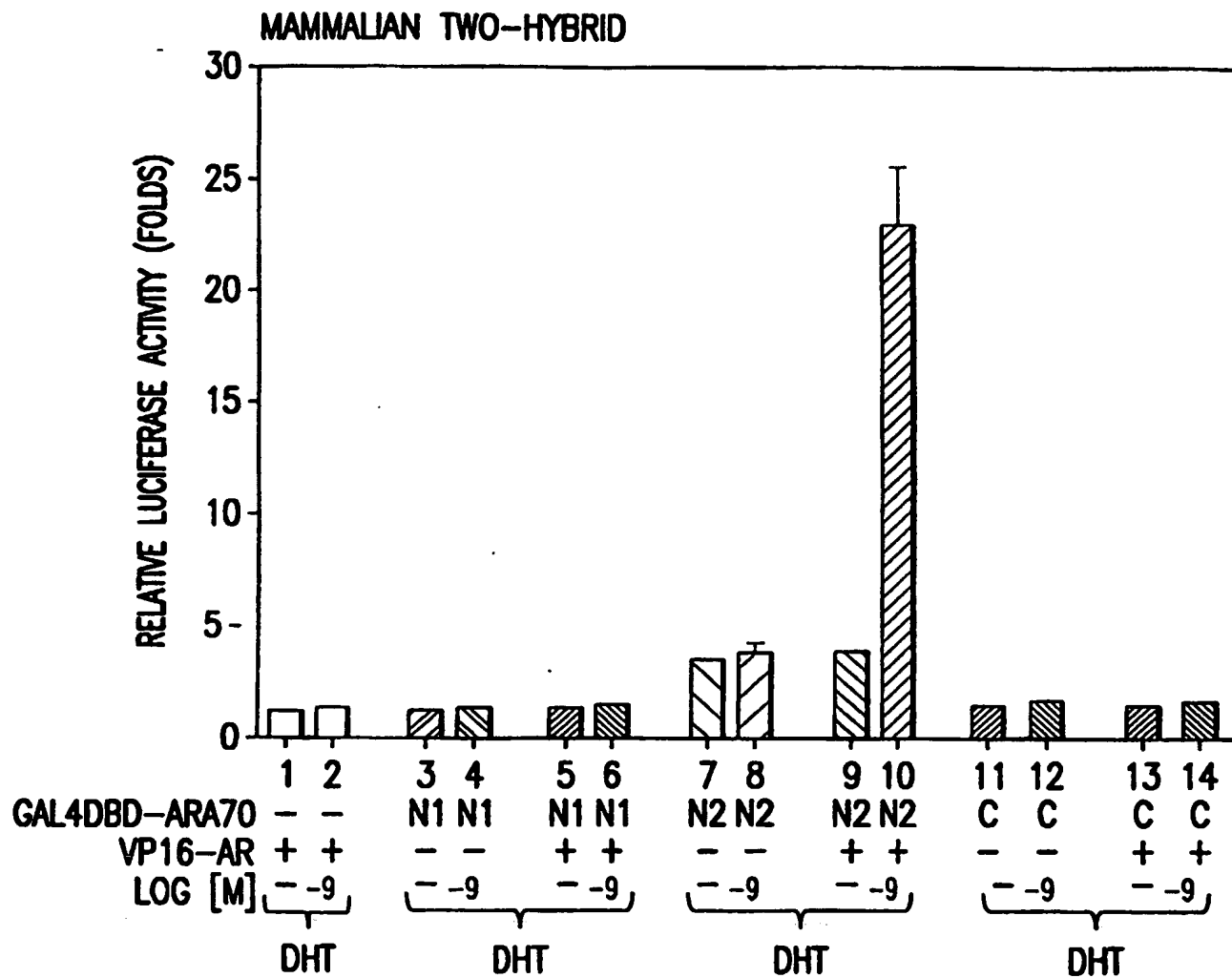


FIG.7C

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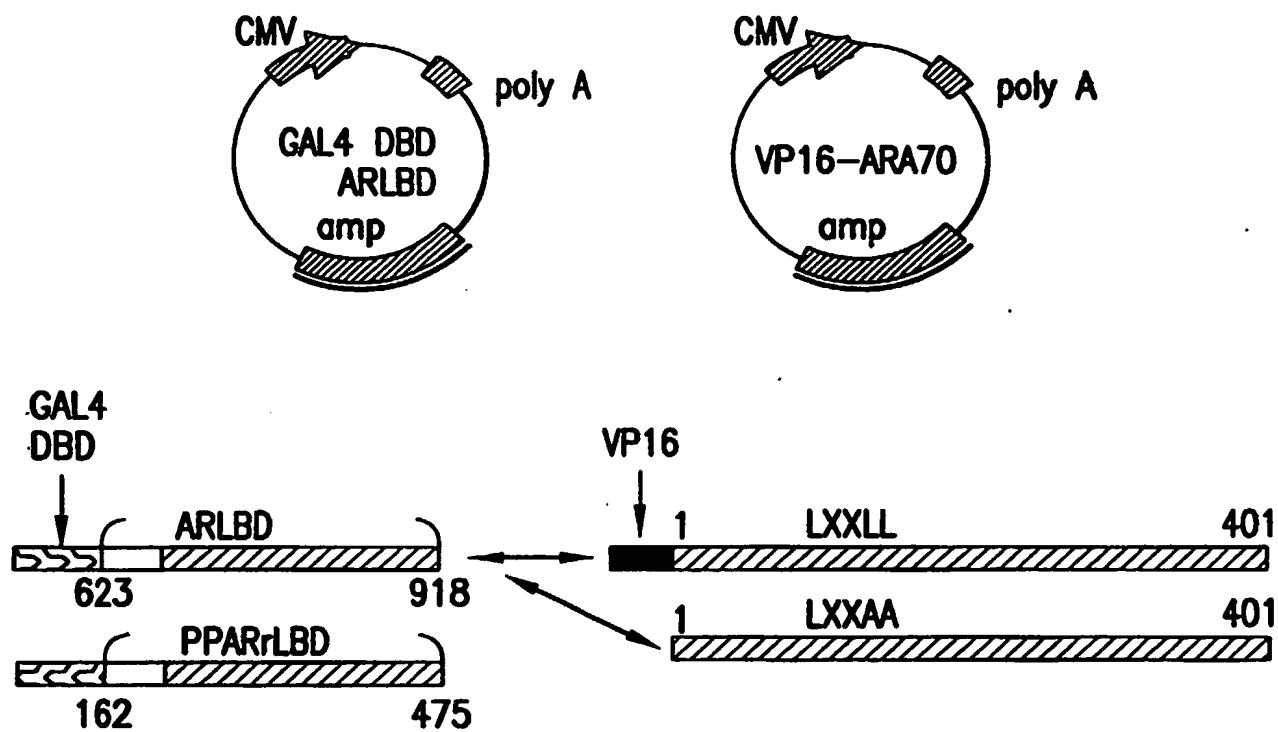


FIG.8A

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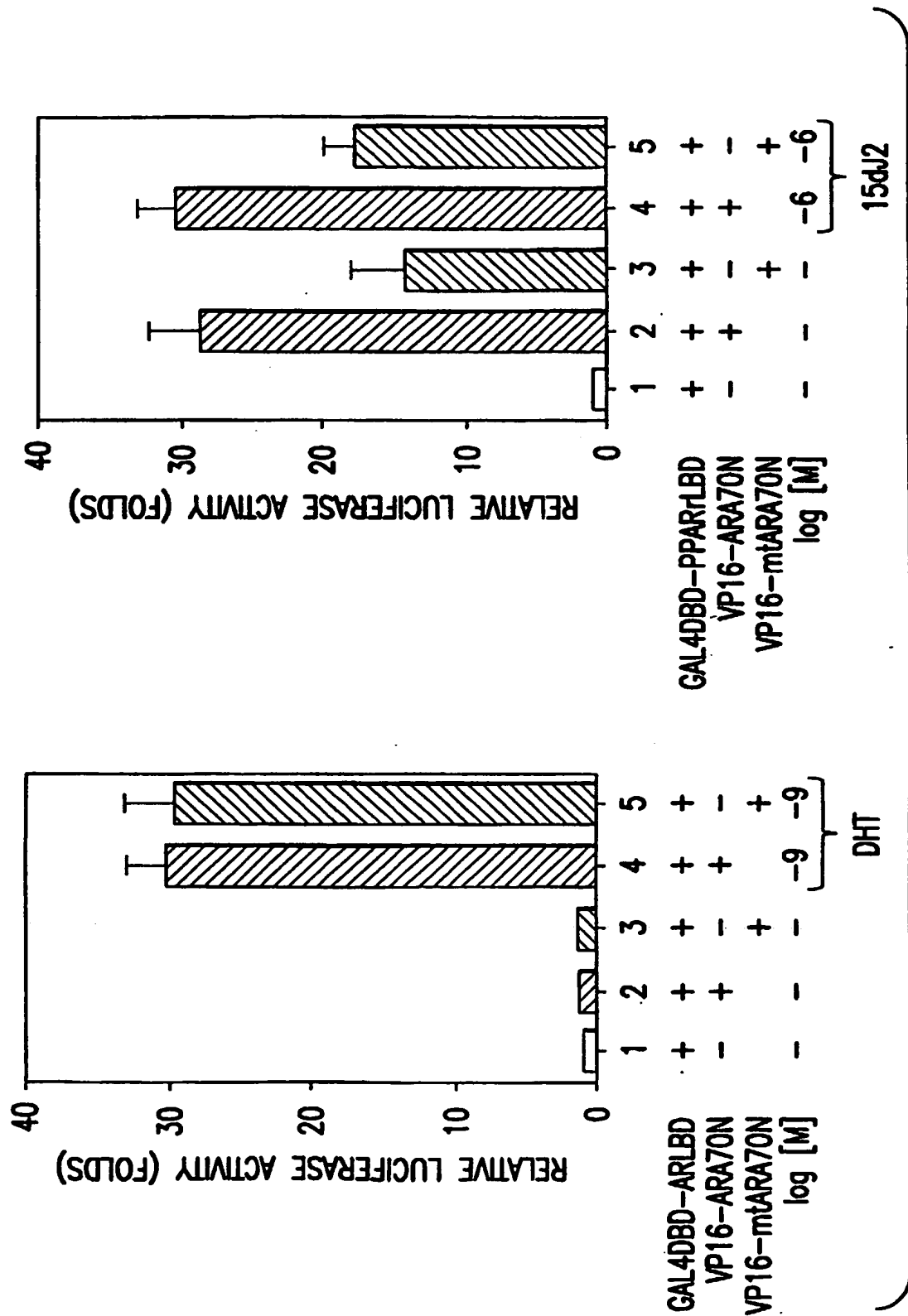


FIG.8B

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ARA70	86	QQQAQQLYSLL	QGFNCL	112	
SRC-1	627	SQTSHKLVQLL	TTTAEQ	643	NR box1
	684	TARHKILHRL	QEGSPS	700	NR box2
	741	SKDHQLRLRYLL	DKDEKD	757	NR box3
TIF2	684	KECHKILHRL	QDSAEQ	700	NR box2
p/CIP	672	QEKHRIHRL	QNGAEQ	688	NR box2
hTIF1	713	RSILTSLLL	NSSQ	728	
RIP140	130	STLLASLL	QSFSS	142	
	183	SSHLKTLL	KKSKV	194	
	933	FNVLKQLLL	SENC	945	

FIG.8C

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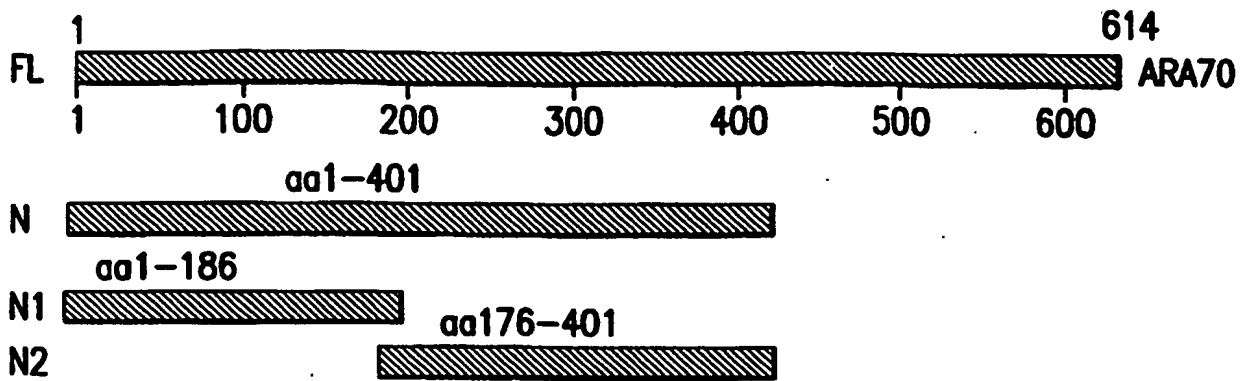


FIG.9A

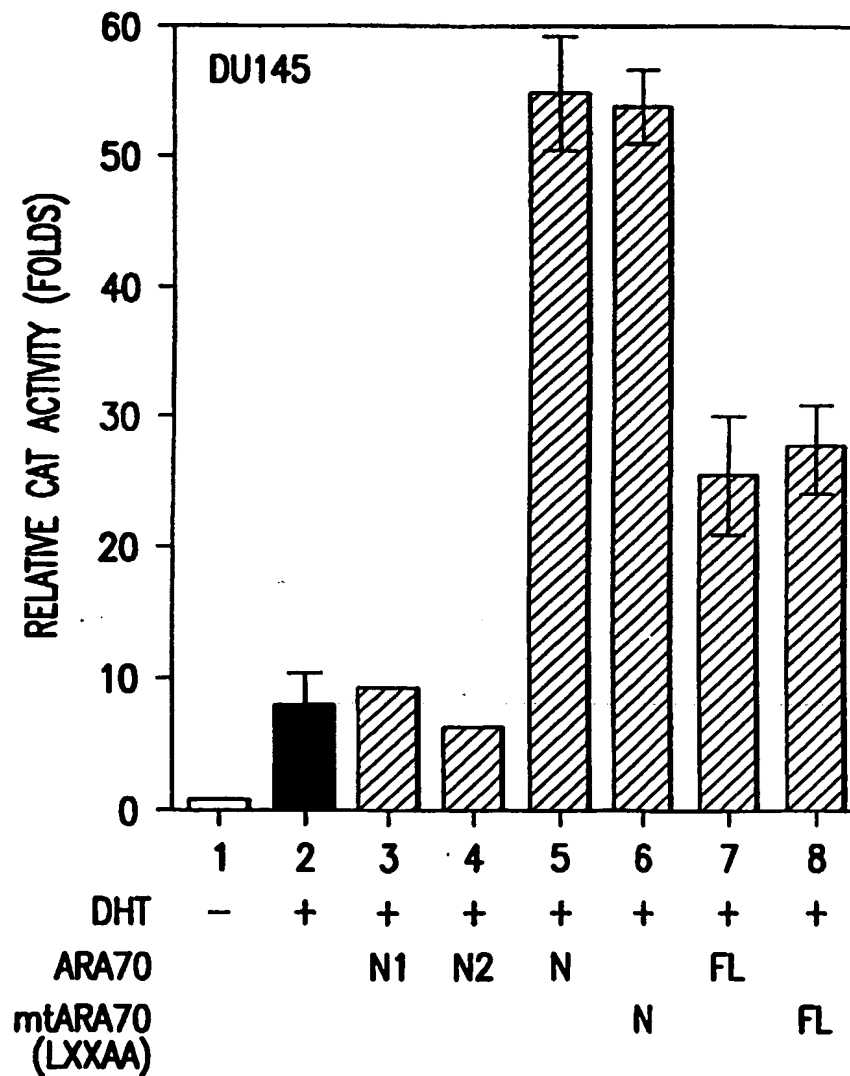


FIG.9B

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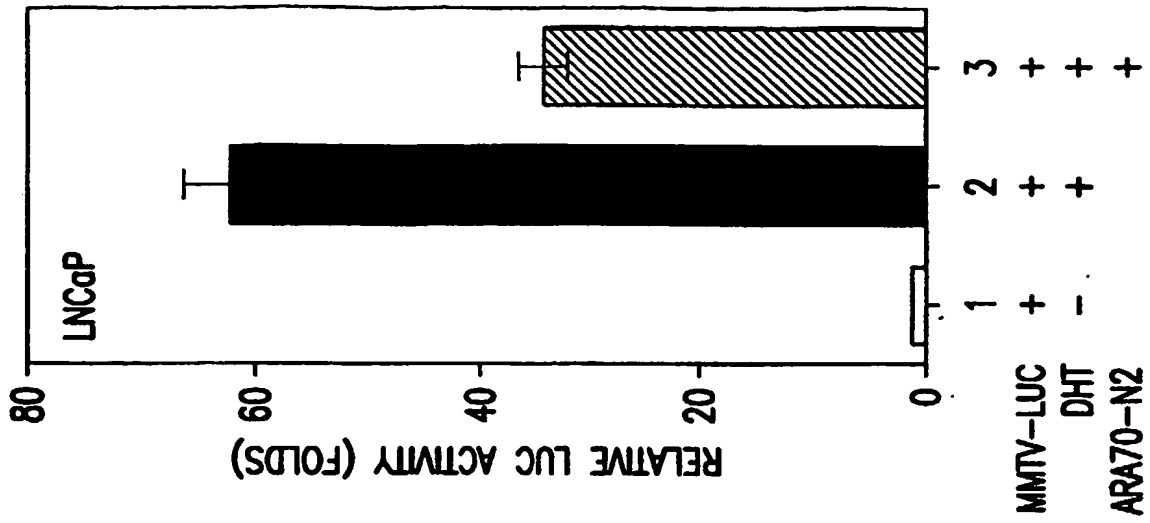


FIG.10B

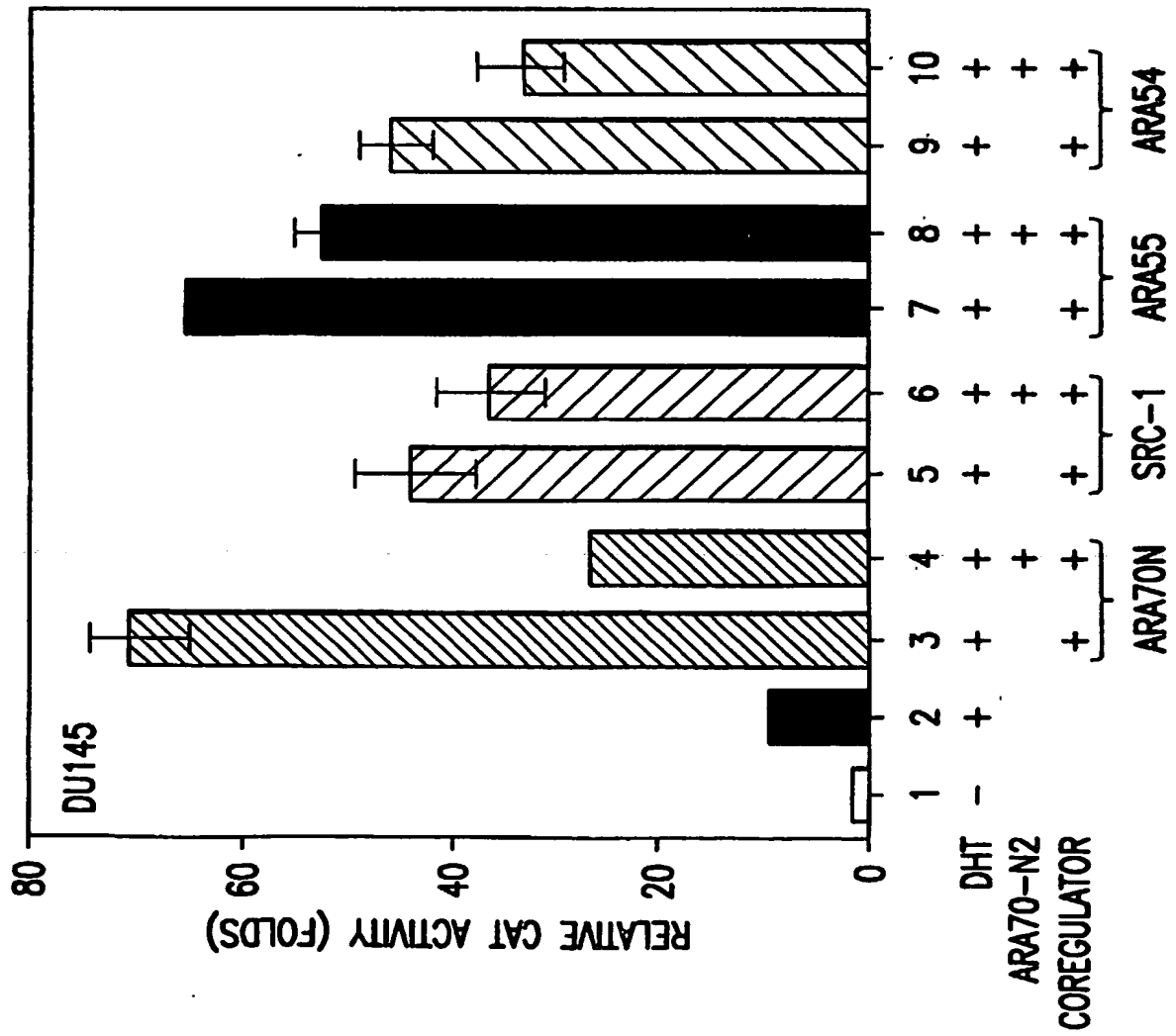


FIG.10A

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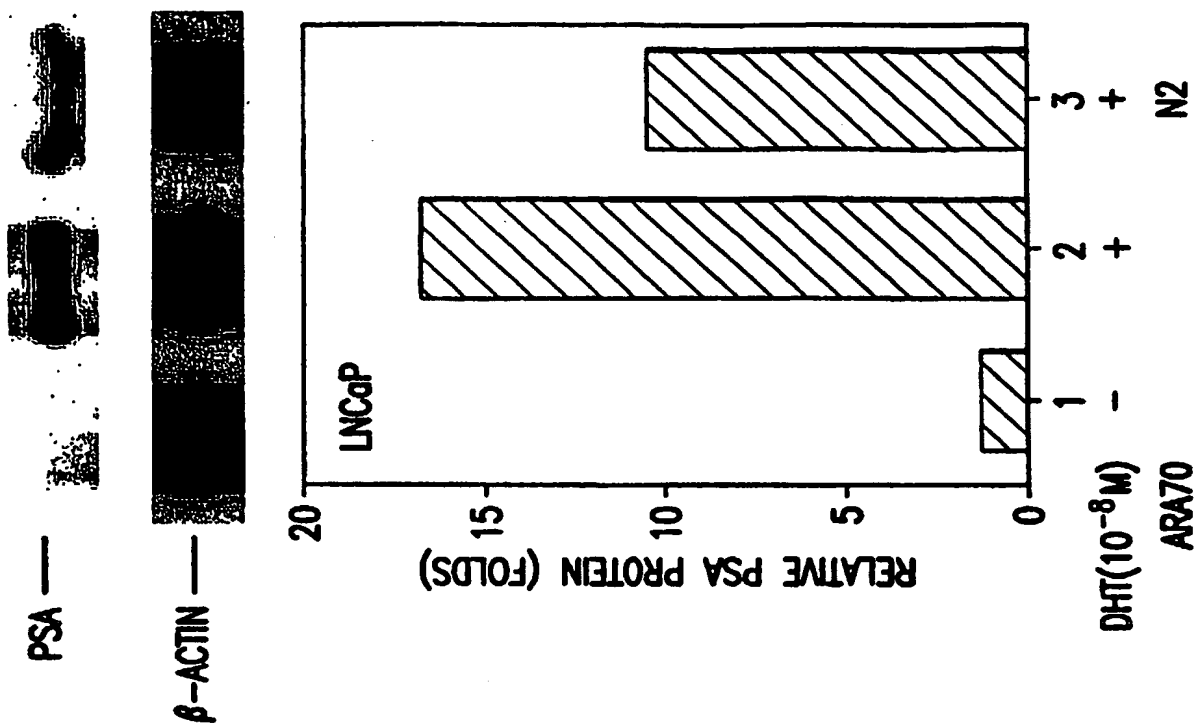


FIG. 10D

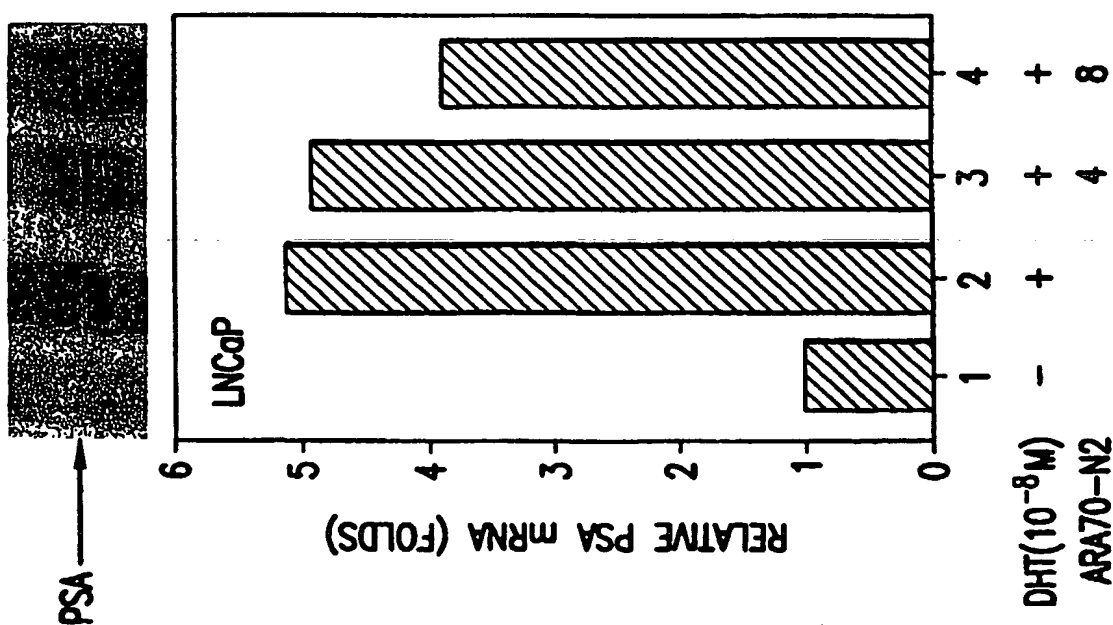
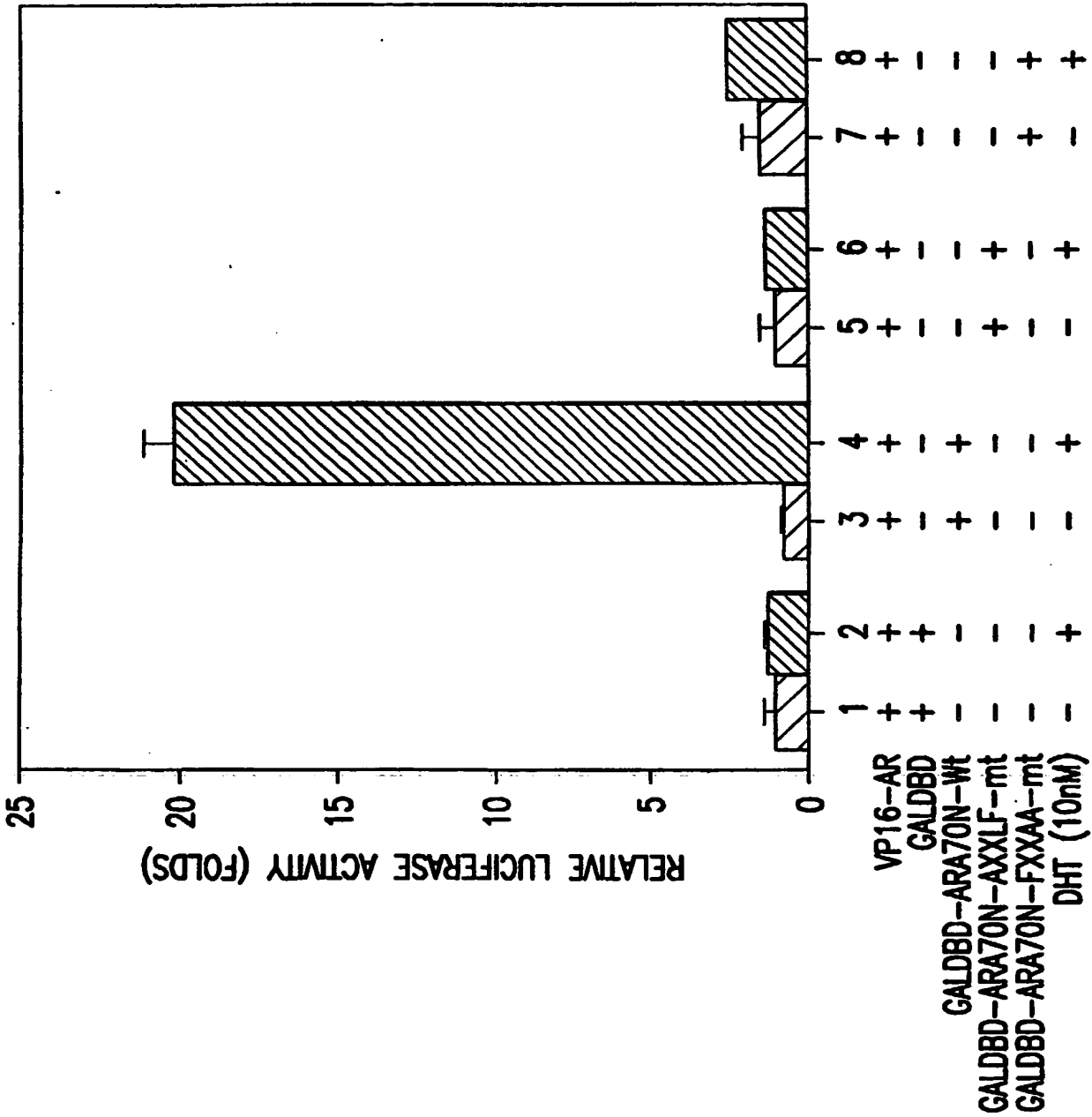


FIG. 10C

FIG.11A



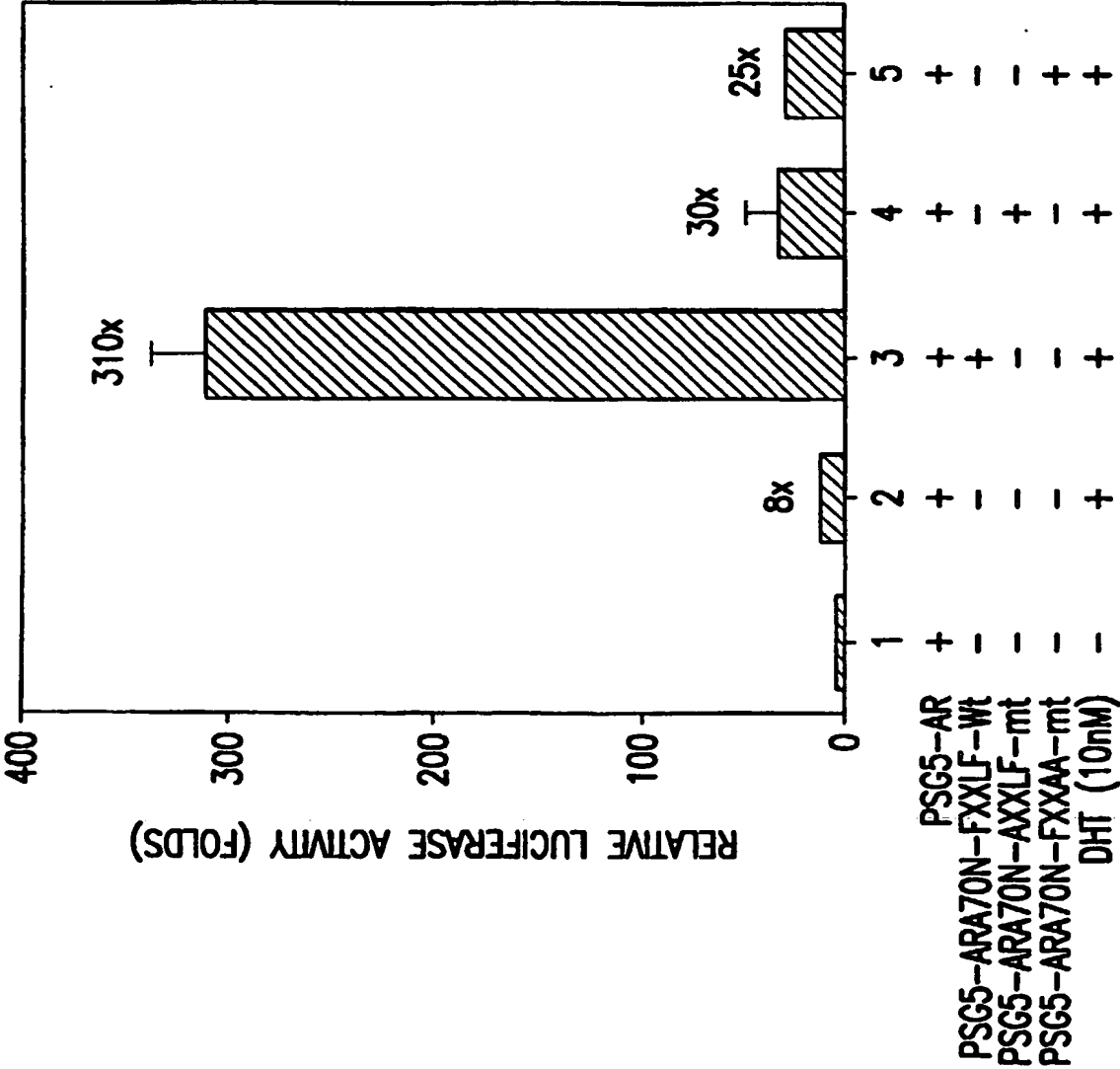


FIG.11B

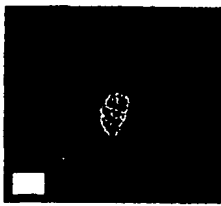
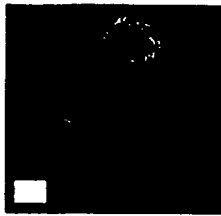


FIG. 12A FIG. 12B FIG. 12C FIG. 12D

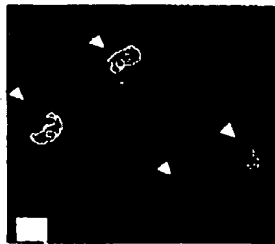
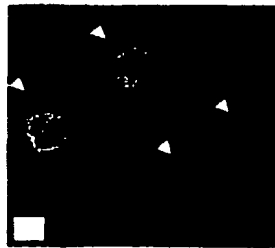
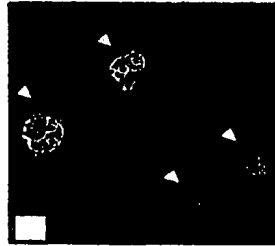


FIG. 12E FIG. 12F FIG. 12G FIG. 12H

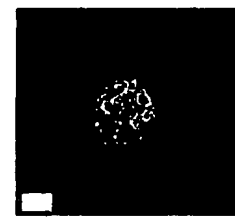
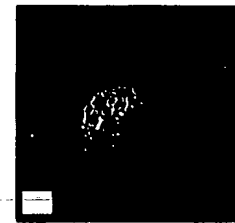
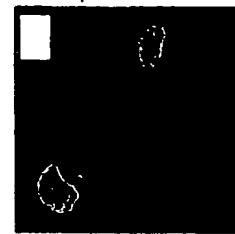
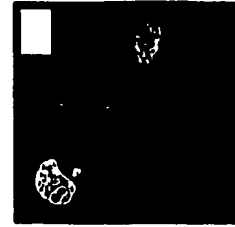


FIG. 12I FIG. 12J FIG. 12K1 FIG. 12K2 FIG. 12K3

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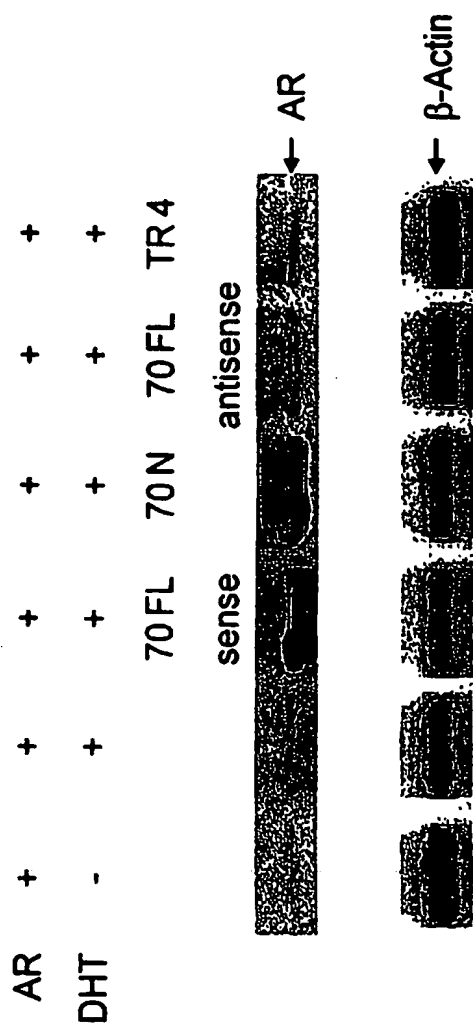


FIG.13

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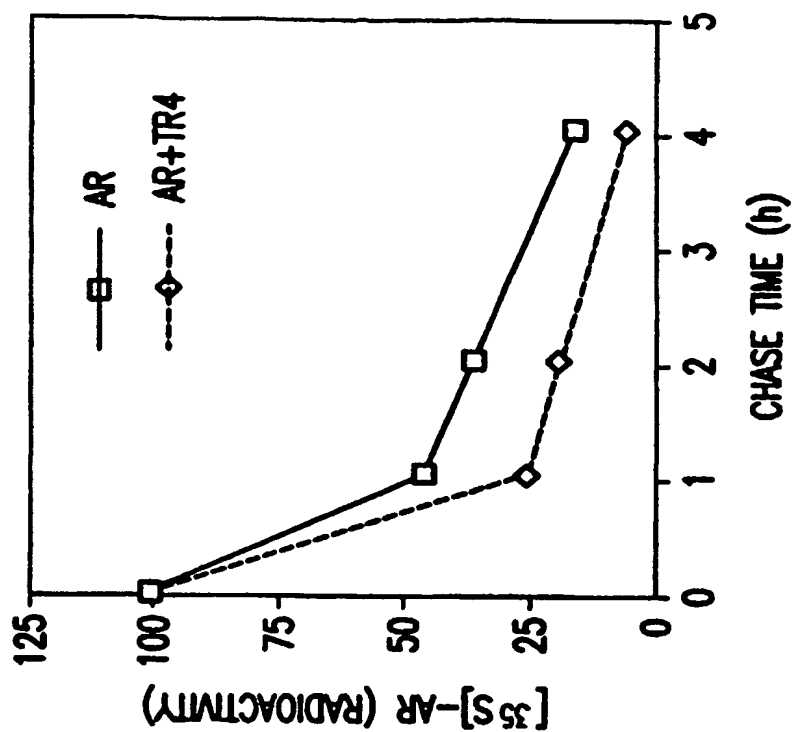
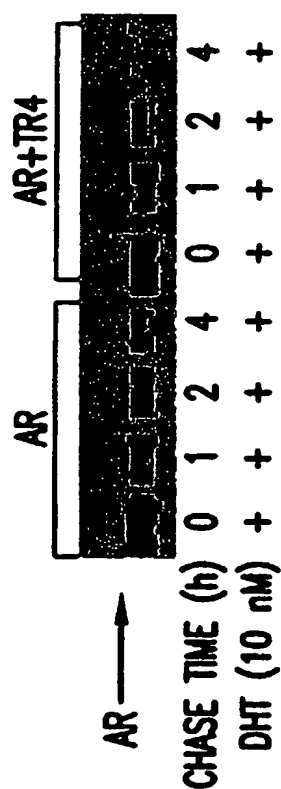


FIG.14B

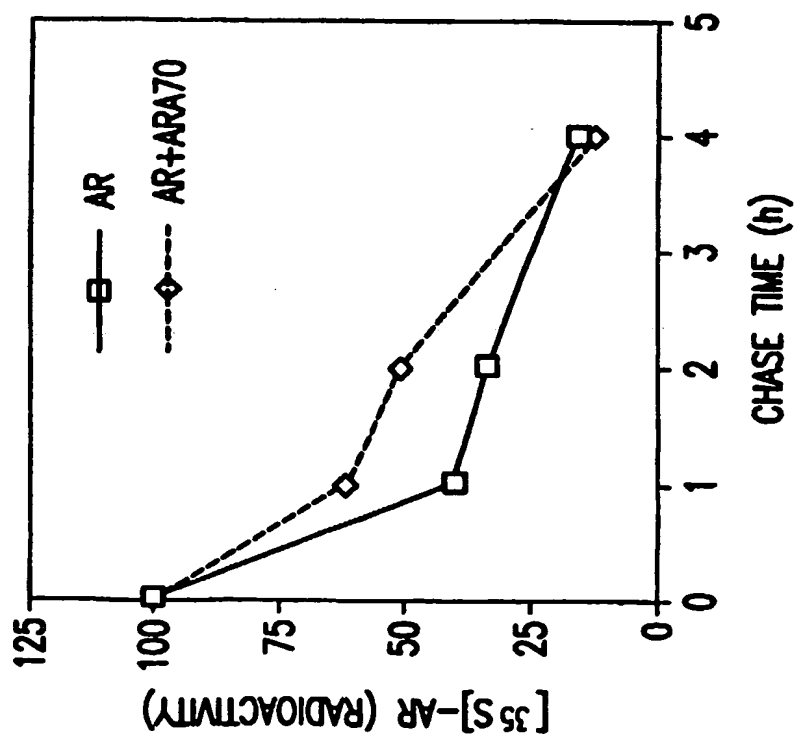
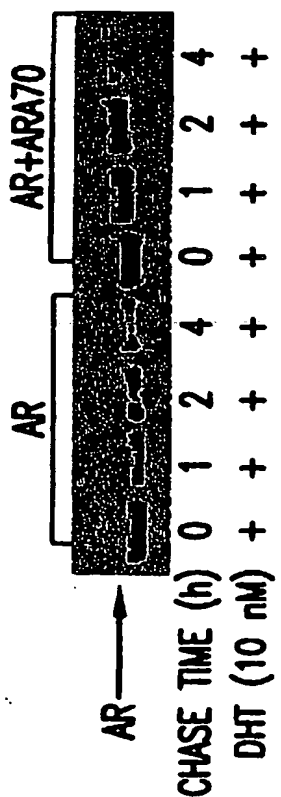


FIG.14A

1	MLPKTRTALS	DDPDSSTSL	GNMLELPGTS	SSSTQELPF	CQPKKSTPL	KYEGLIWA	KFKRRPHWPC	RICSDPLINT	N
81	HSKAKVSNRR	PYRQYYEAF	GDPSERAWVA	GKAIWMEGH	HQFEELPVL	RRCKQKEGY	RHKVPCKILS	KWEASVGLAE	L
161	QYVPIKSGKN	RKCIPGSIKL	DSEEDMPED	CTNDPESEHD	LLNGCLKSL	AFDEHSAD	KEKPCAKSRA	RKSSDNPKRT	S
241	SVKKGHIQFE	AHKDERGKI	PENLGLNFIS	GDISDIOASN	ELSRIANSLT	GSNTAPCSFL	FSSCGKNTAK	KEFETSNGDS	
321	LLGLPEGALI	SKCSREKNKP	QBSLLOGSKV	KLCYIGAGDE	EKRSDSISIC	TTSDDGSSDL	DPTEHSSES	NSVLEIPDAF	
401	DRTEMILSMQ	KNEKIKYSRF	AATNTRKAK	QKPLISNSHT	DHLMGCTKSA	EPGTETPQVN	LSDLKASTLV	HKQSDFTND	
561	SGKVDGLKLL	NNHEKTRDS	SDIETAVVKH	VLSELKELSY	RSLGEDVSDS	GTSKPSKPLL	FSSASSQNH	PIEPDYKFS	
641	LLMMLKQMH	SKTKEQRLMT	AQNLVSYRSP	GRGDCSTNSP	VGVSKVLVSG	GSTHSEKKG	DGTQNSANPS	PSGDSALSG	
721	ELSASLPGLL	SOKRDLPASG	KSRSDCVTRR	NGRSKPSK	LDAFSAQMV	KNTVNRKALK	TERKRLNQL	PSVTLDVQL	
801	GDREKGSRL	GGAEKPSKED	PLQINGHLTS	EDGDFSDVH	FDSKVKOSDP	GKISEKGLSF	ENKGPPELDS	VANSENDELN	
881	GVNQVPPKKR	WQRLNQRRTK	PRKRIARFKE	KENSECAFV	LLPSDPVQEG	RDEFPEHRTIP	SASILEEPLT	EQNHADCLDS	
961	AGPRLNVCOK	SSASIGDMEK	EPGIPSLTPQ	AELPEPAVRS	EKKRLRPSK	WLLLEYTEED	QIFAPKKQK	KVQEQVHKVS	
1041	SRCEESLLA	RGRSSAQNKQ	VDENSLISTK	EPPVLEEA	PFLEGPLAQS	ELGGCHAEIP	QLTSLVPVAP	EVSPPALES	
1121	EELLVKTPGN	YESKRORRPT	KKLLESNDLD	PGFMKKGDL	GLSKKCYEAG	HLNGITESC	ATSYKDFGG	GTTKIFDKPR	
1201	KRKRORHAAA	KMDCKKVKND	DSSKEIPGSE	GELMPHRTAT	SPKETVEEGV	EHPGMPASK	KMGECRGGGA	ALKENVCQNC	
1280	EKLGLLLCE	AQCGAFHLE	CLGLTEMPRG	KFICNECRIG	IHTCFVKQOS	GEDVKRCLLP	LCGKFYHEEC	VQKYPPTVMQ	
1361	NKGFRCSLHI	CITCHAANPA	NVSASKGRIM	RCVRCPVAYH	ANDFCLAQGS	KILASNSTTC	PNHFTPRRCC	RNHEHNVSW	
1441	CFVCSEGGSL	LCCDSCPAAF	HRECLNIDIP	EGNHYCNDCK	AGKPKNYREI	VWVKVGRYRW	WPAEICHPR	VPSNIDKGRH	

NUCLEAR
----- LOCATION
----- LXXLL MOTIF
----- PHD FINGER
SIGNAL (NLS)

FIG.15A

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S E T P H D P R O

1521	DVGEFVLFF	GSNDYLWTHQ	ARVFPYMEGD	VSSKQMGKG	VDGTYKKALQ	EAARFEELK	AQKELRLQLE	DRKNDKKPPP
1601	YKHIKVNRPI	GRVQIFTADL	SEIPRCNCKA	TDENPCGIDS	ECINPMILLYE	CHPTVCPAGG	RCQNCQCHSKR	QYPEVEIFRT
1680	LQRCWGLRTK	TDIKKGEFVN	EYVGLIDEE	ECRARIRYAQ	EHDITNFYML	TLDKORIIDA	GPKGNYARFM	NHCCQPNCEI
1761	QKWSVNGDIR	VGLFALS DIK	AGTELTFNYN	LECLNGKTV	CKCGAPNCSG	FLGVRPNQNP	IATEKSKKF	KKKQCGKRRT
1841	QGEITKERED	ECFSGGDAGQ	LVSCCKPGCP	KVYHADCLNL	TKRPAGKMEC	PWHQDIQCK	EAASFCEMCP	SSFCKQHREG
1921	MLGISKLDFR	LSCTEHPCG	PNPLEPGEIR	EYVPPVPVLP	PGPSTHLAEQ	STGMAAQAPK	MSDKPPADTN	QMLSLSKKAL
2001	AGTCQRP LLP	ERPLERTDSR	PQPLDKVRDL	ACSGTKSQSL	VSSQRP LDRP	PAVAGPRPQL	SDKPSPVTSP	SSSPSVRSQP
2081	LERPLGTADP	RLDKSIGAAS	PRQSLKTS	VPTGLRLPPP	DRLLITSSPK	PQTSDRPTDK	PHASLSQRLP	PPEKVL SAW
2161	QTLVAKEKAL	RPVDQNTQSK	NRAALVMDLI	DLTPRQKERA	ASPHQVTPOA	DEKMPVLESS	SNPASKGLGH	MPRAVEKCCV
2241	SDPLQTSCKA	AAPSEDPHQA	VKSLTOARLL	SQPPAKAFLY	EPTTQASGRA	SAGAEQTPGP	LSQSPGLVKQ	AKQWVCCQQL
2321	PALAAKSCQS	FRSLGKAPAS	LPTEKKLVT	TEQSPWALGK	ASSRAGLWPI	VAGQTLAQSC	WSAGSTQTLA	QTCWLSLGRGQ
2401	DPKPEQNTLP	ALNQAPSSHK	CAESEQK					

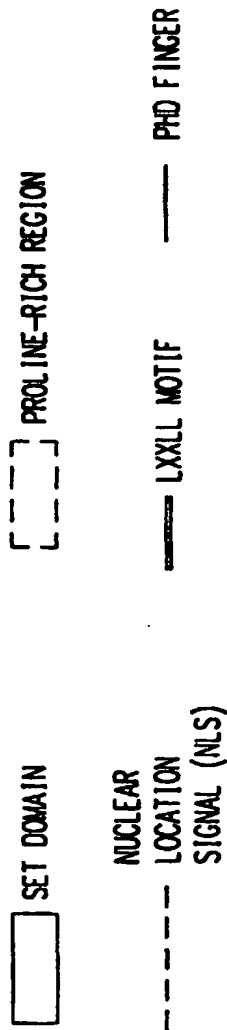
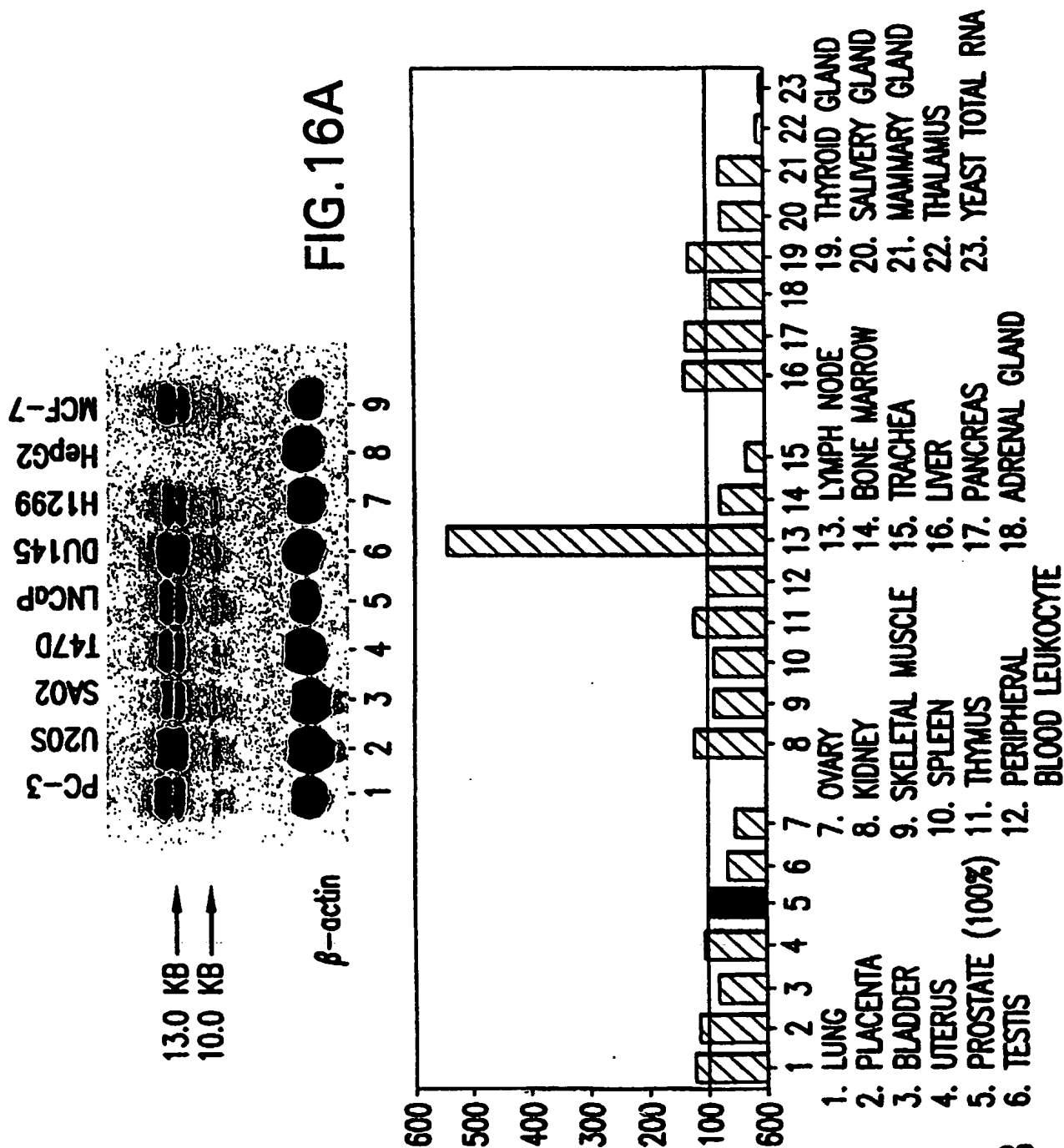


FIG. 15B

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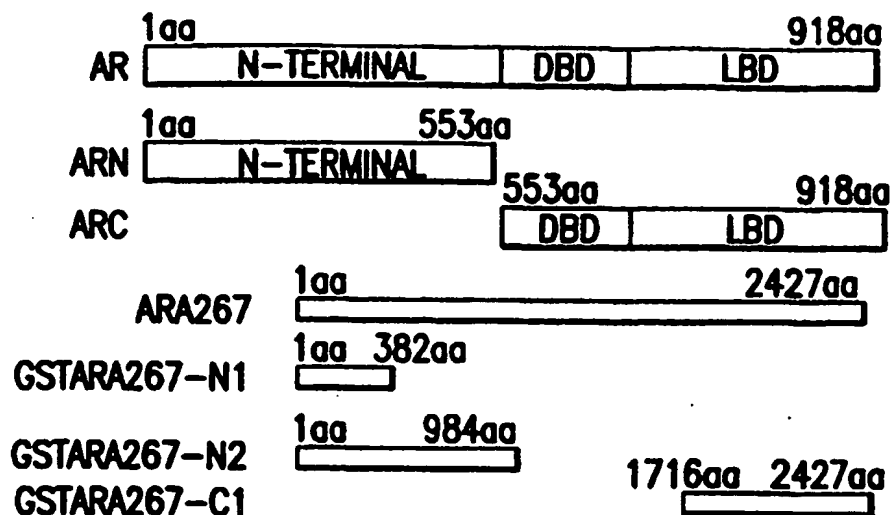


FIG.17A

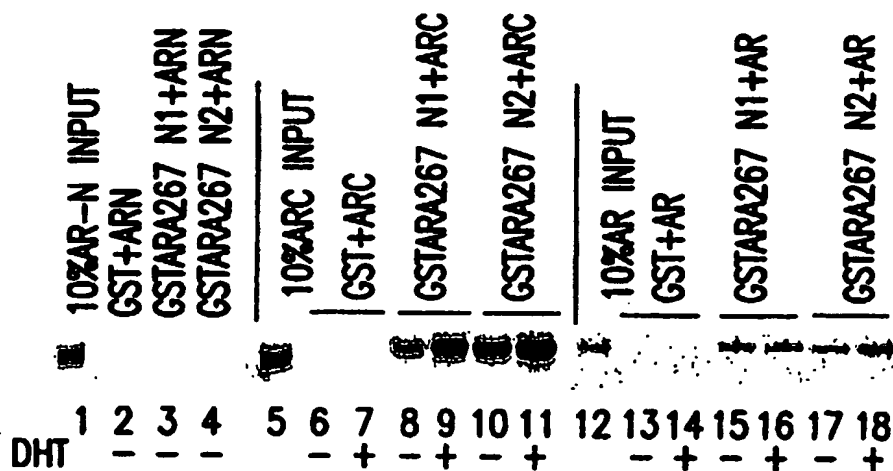


FIG.17B

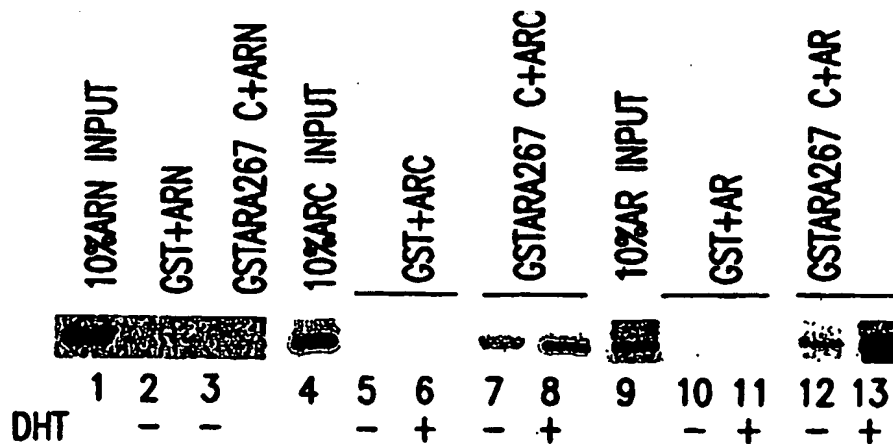


FIG 17C

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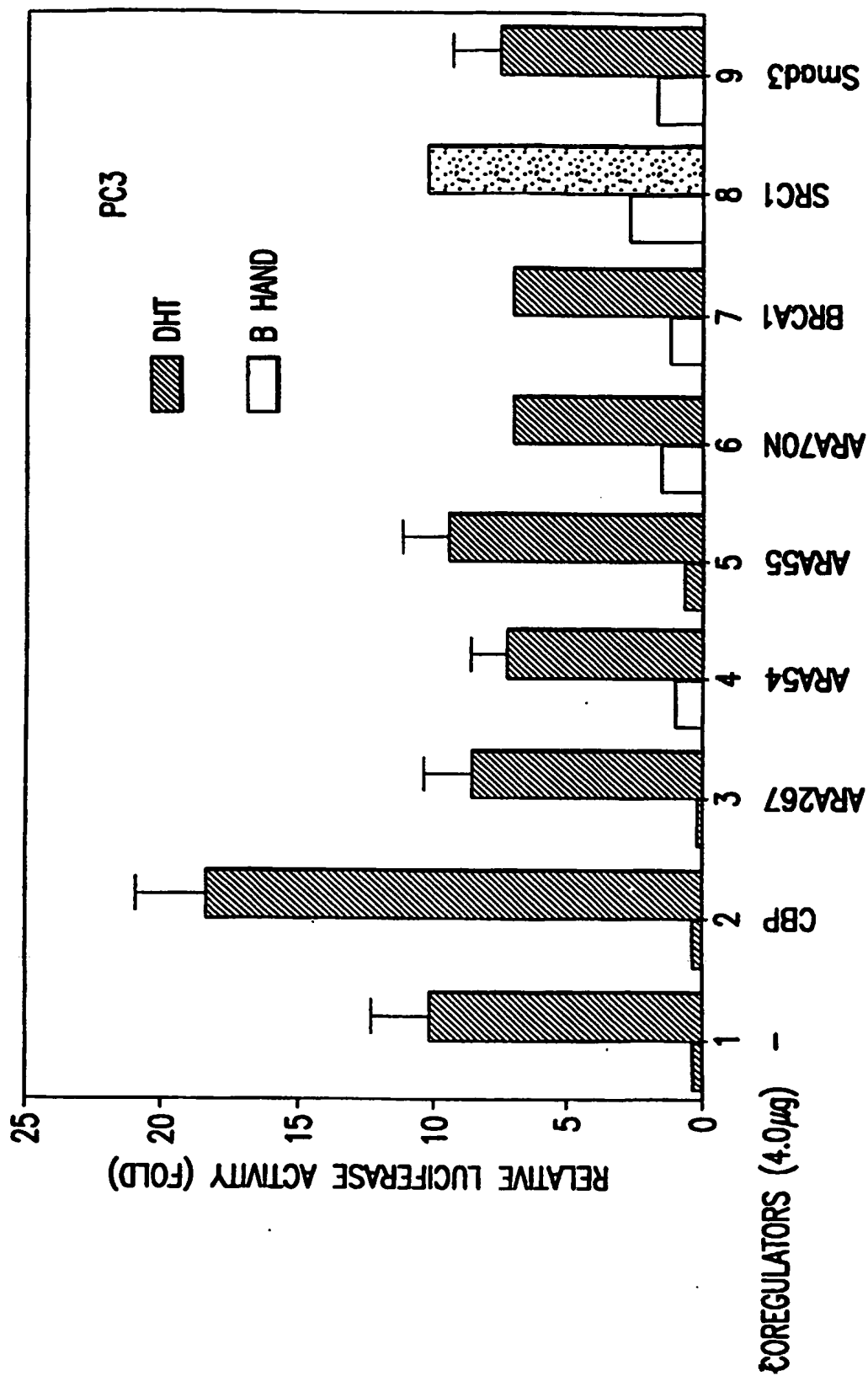


FIG.18

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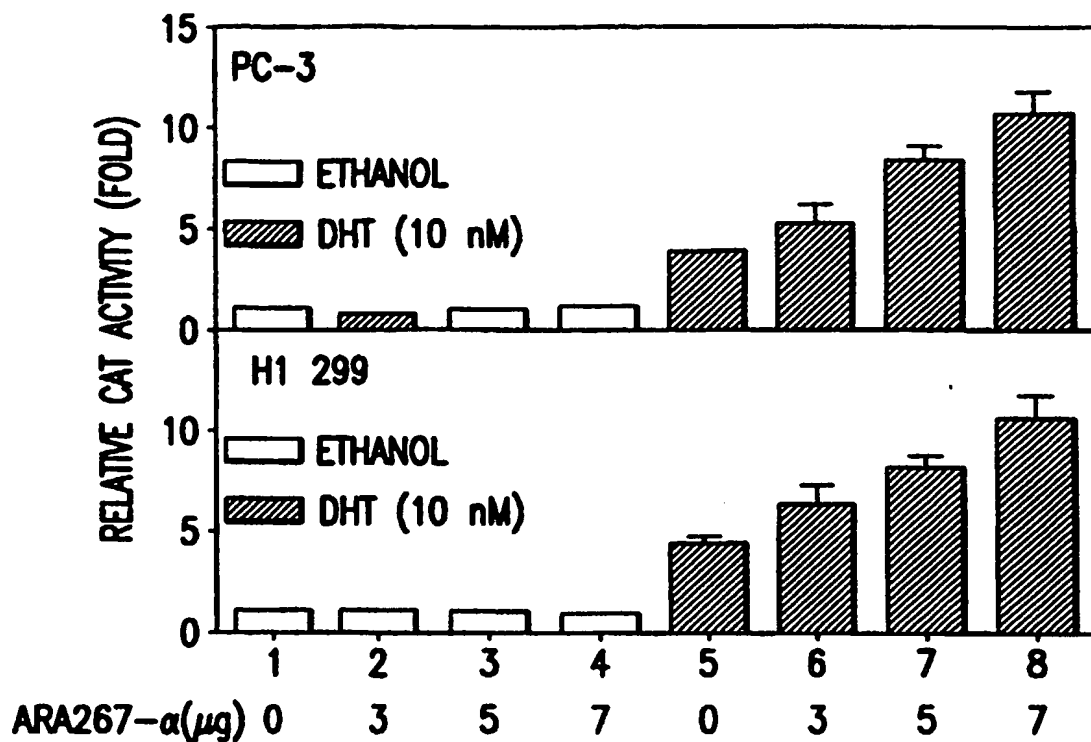


FIG. 19A

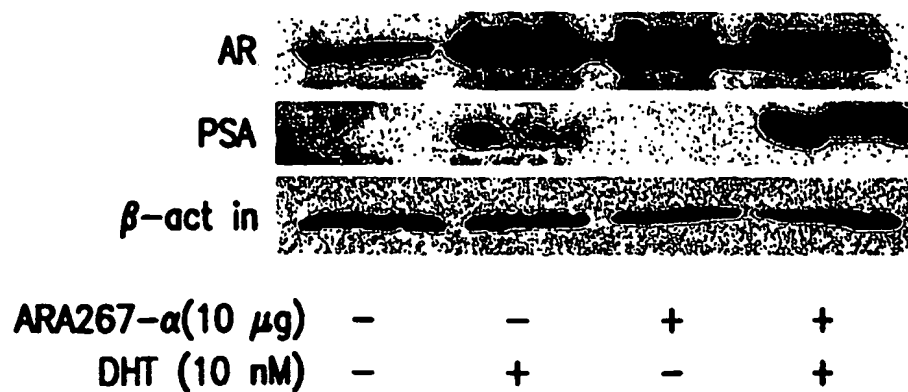


FIG. 19B

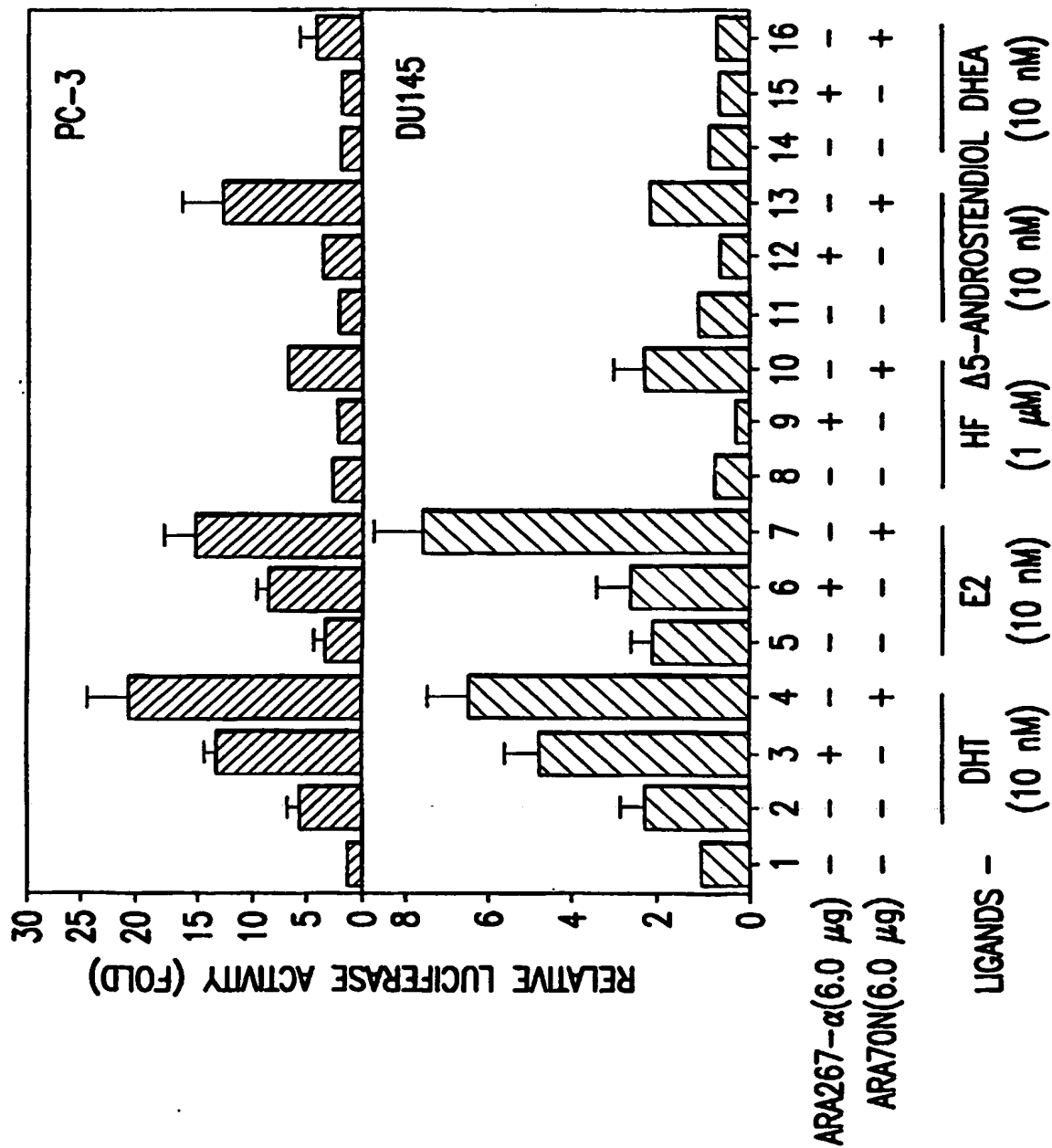


FIG.20

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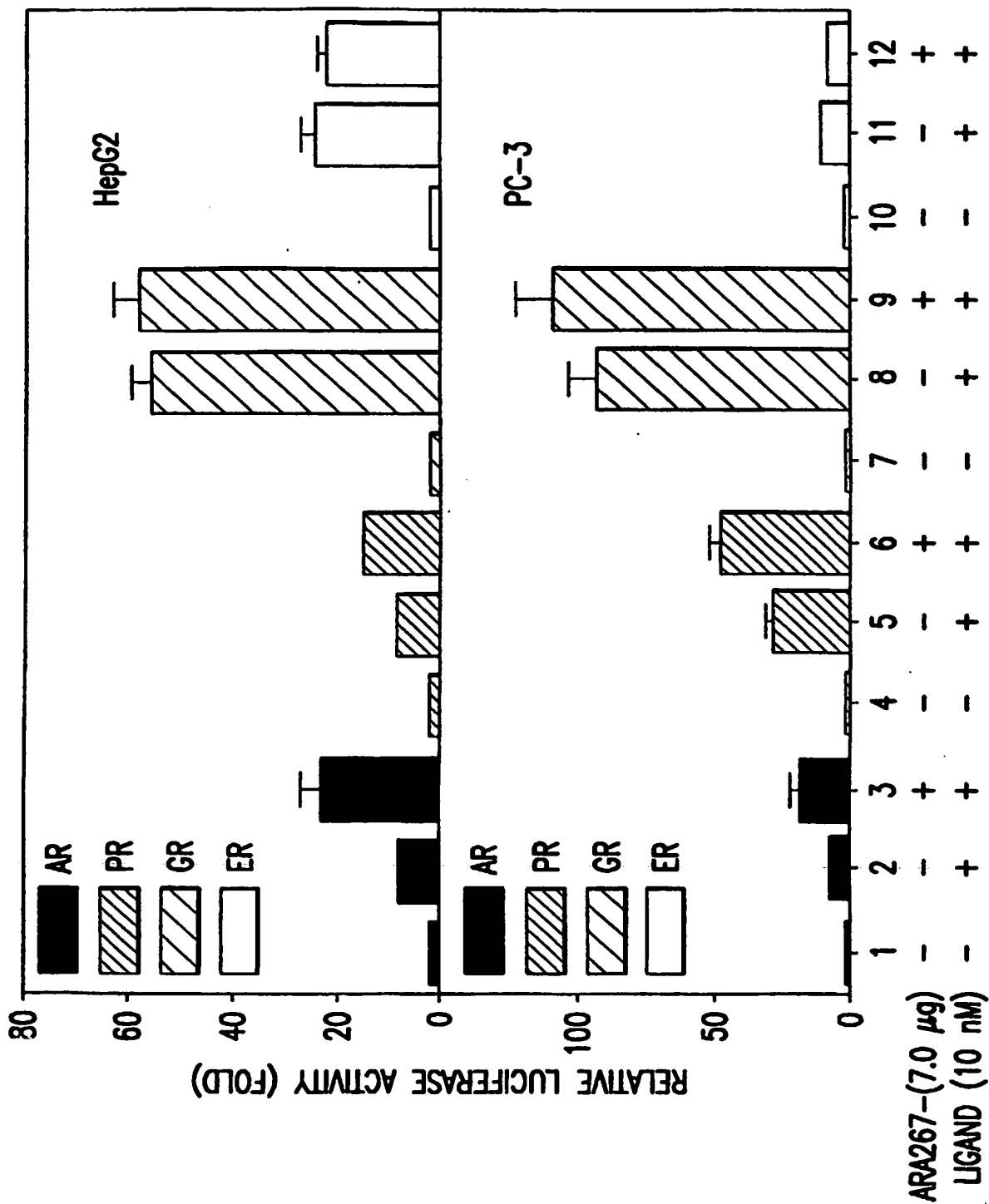


FIG. 21

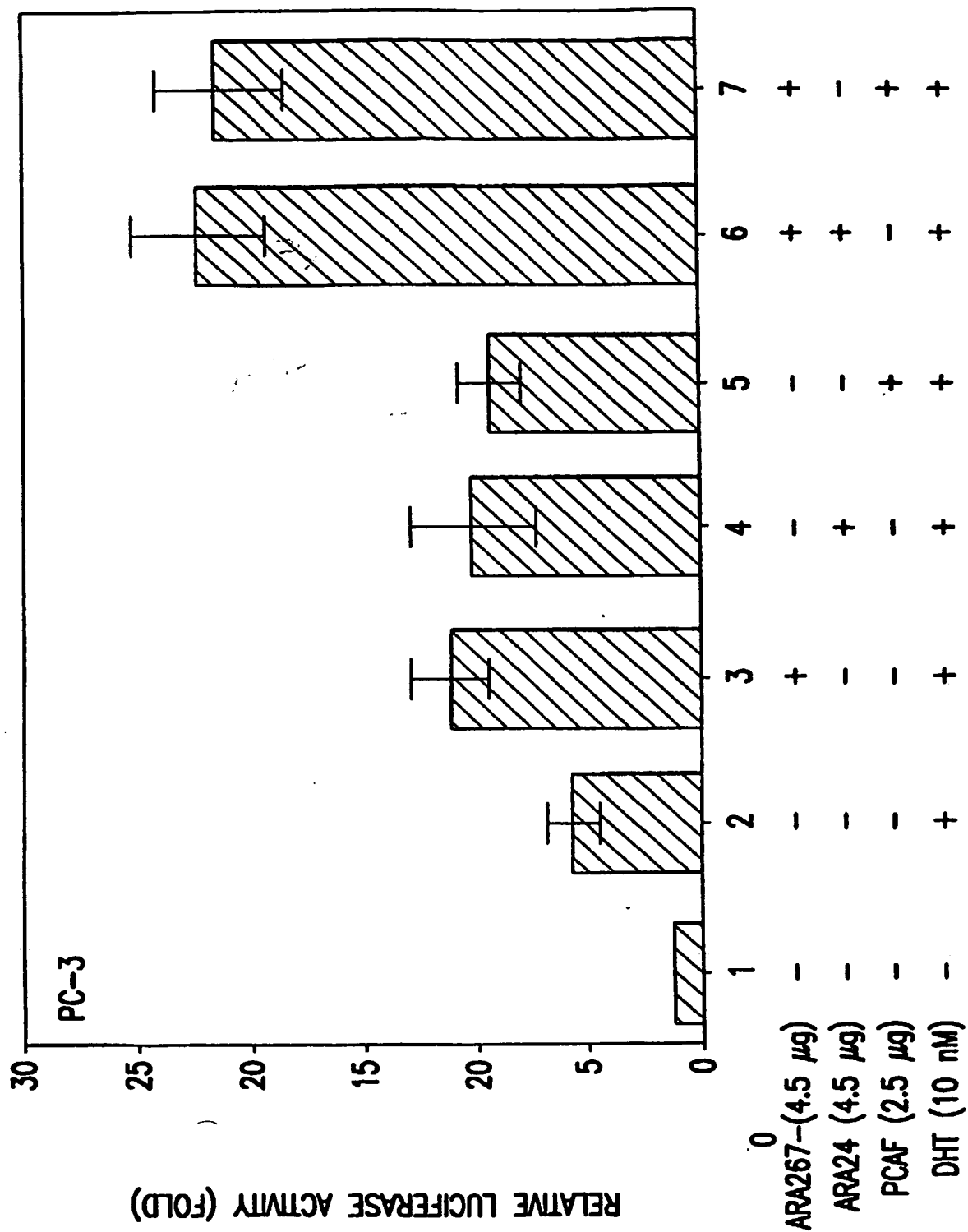


FIG.22

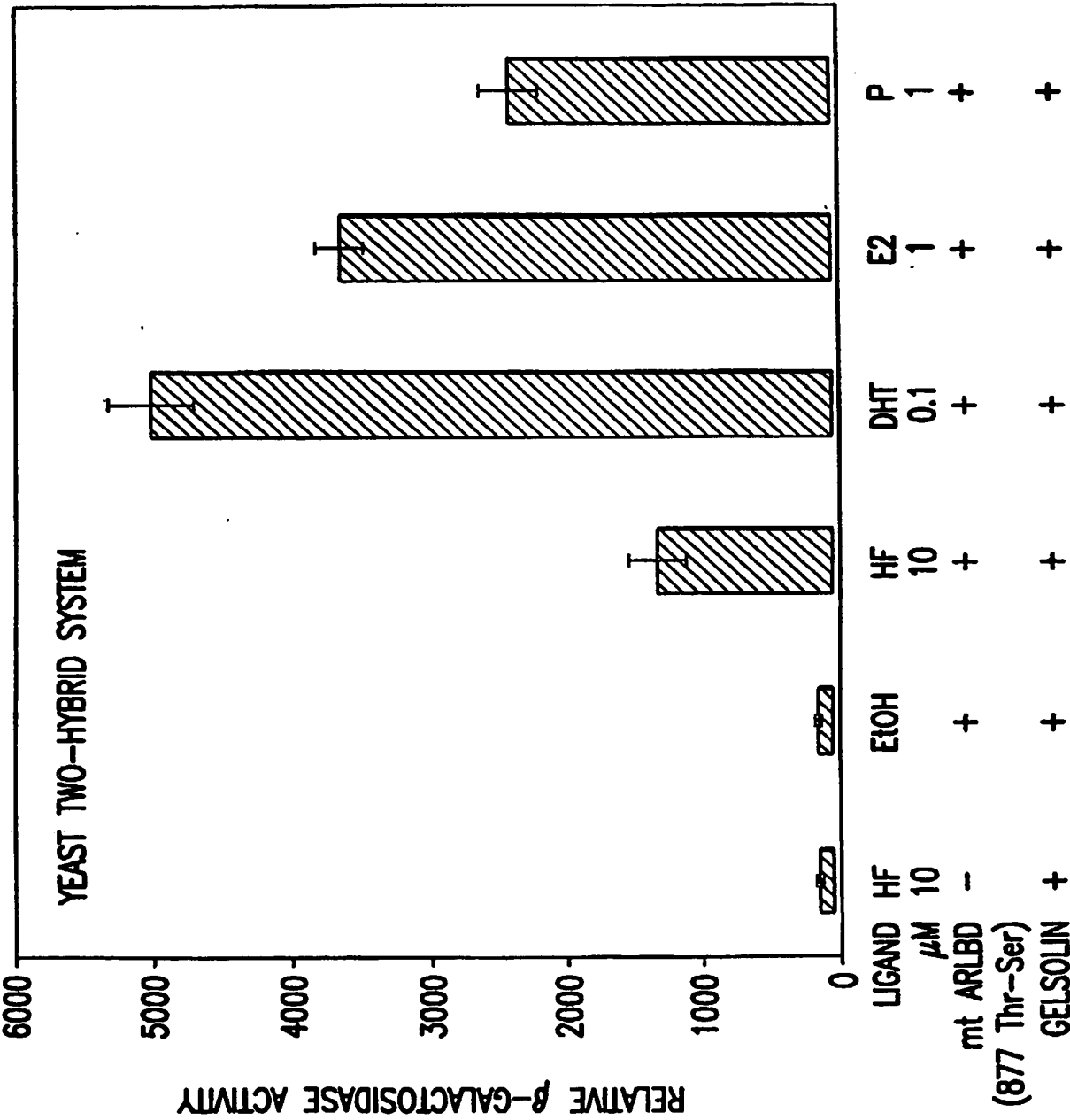


FIG.23A

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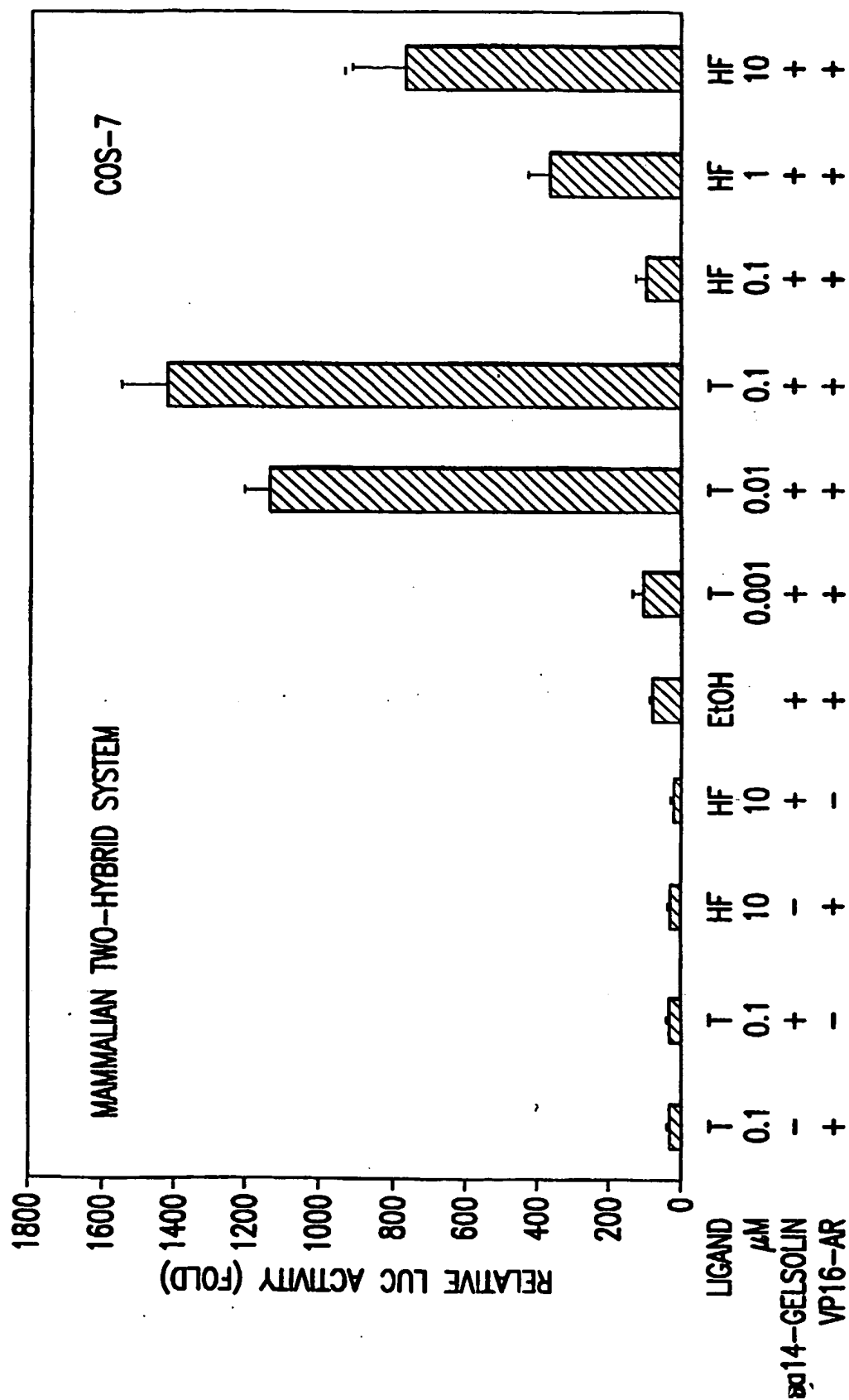


FIG. 23B

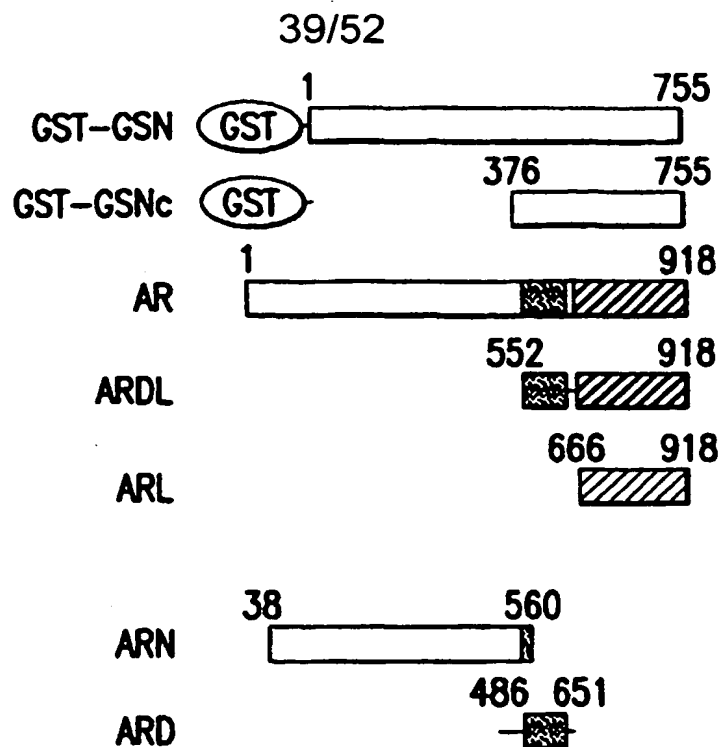
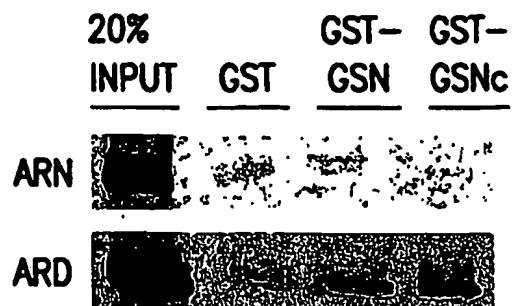
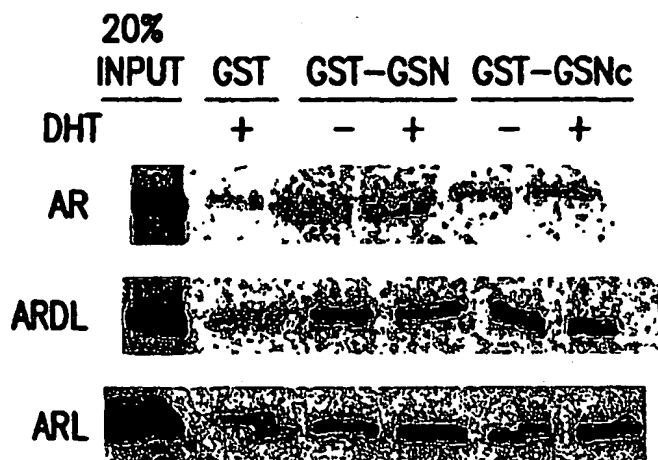


FIG.24A



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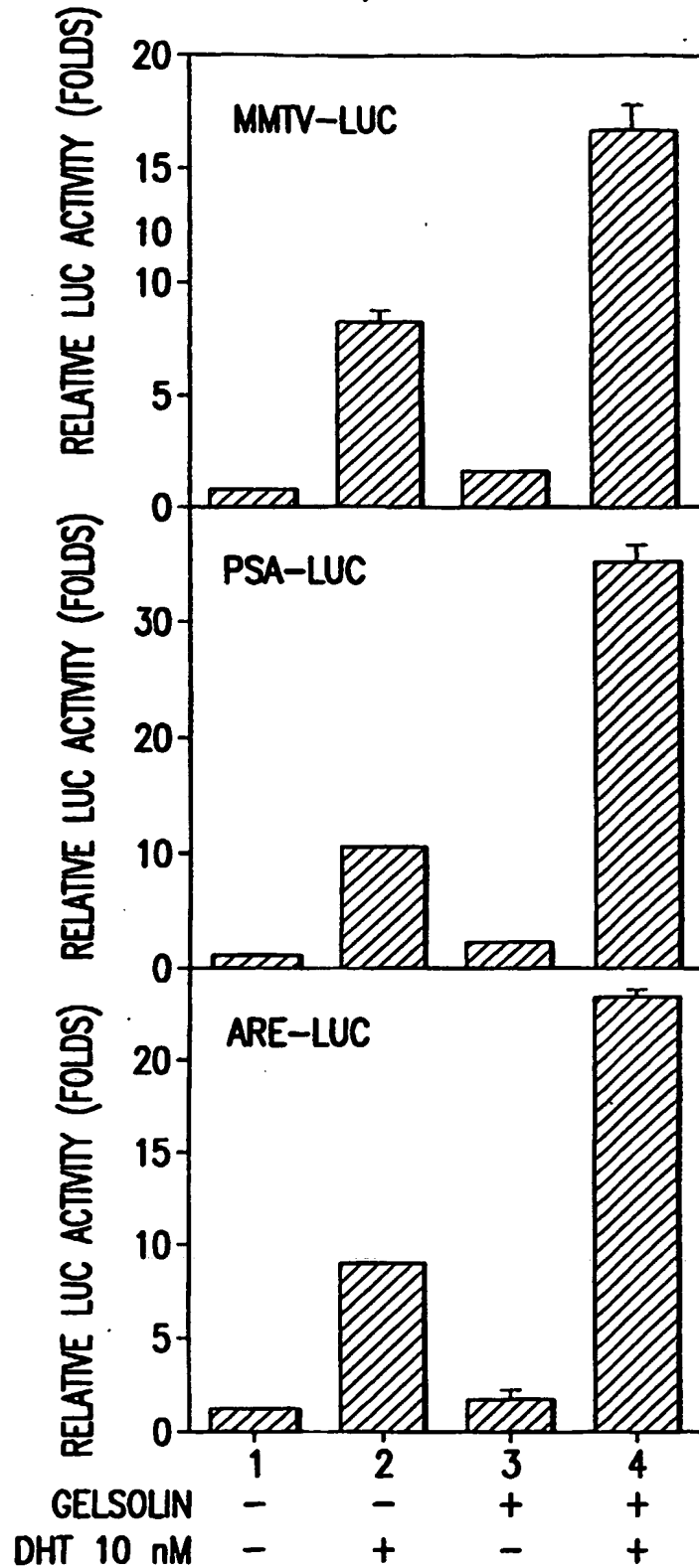


FIG.25

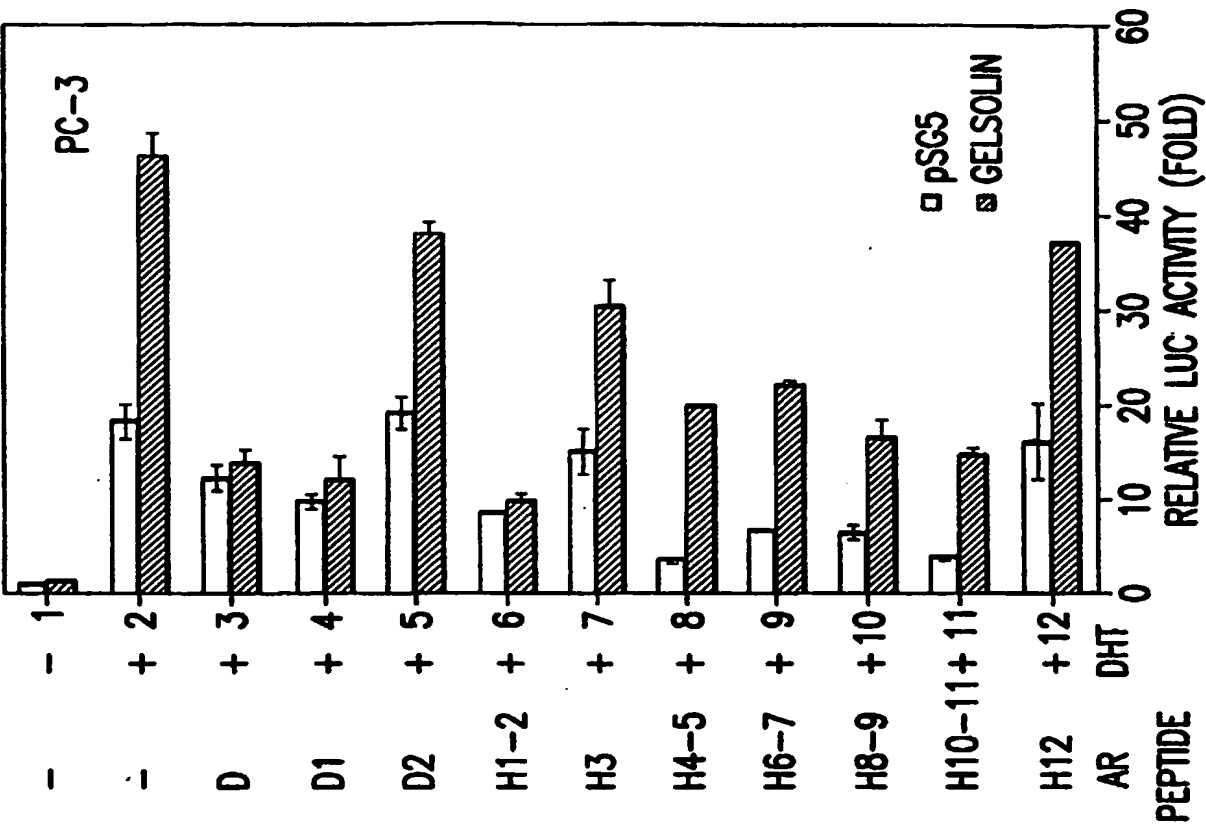


FIG.26B

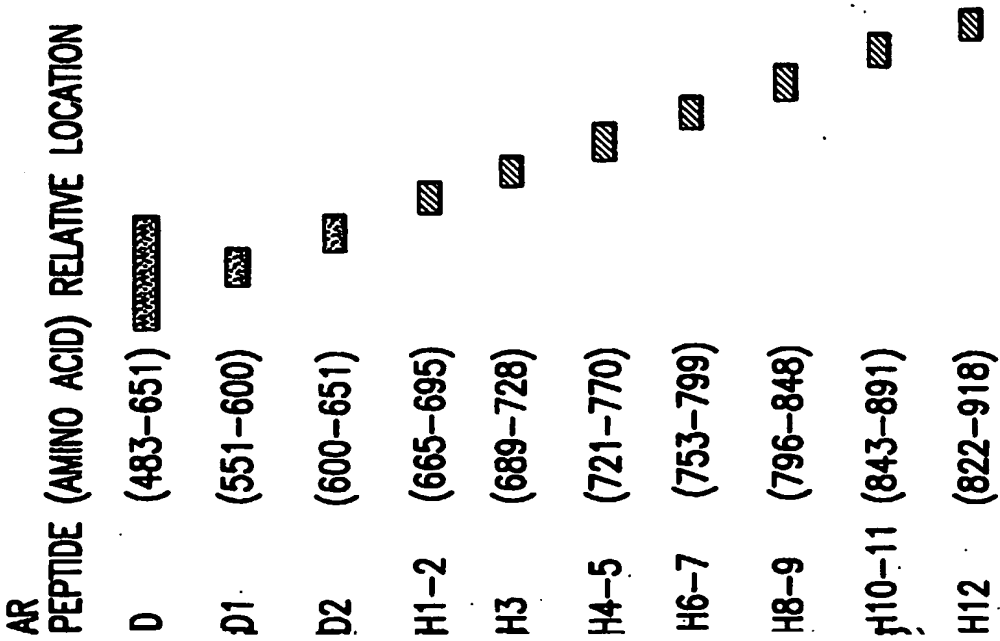


FIG.26A

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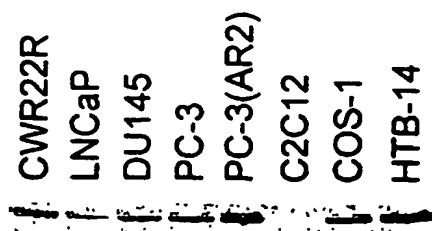


FIG.27A

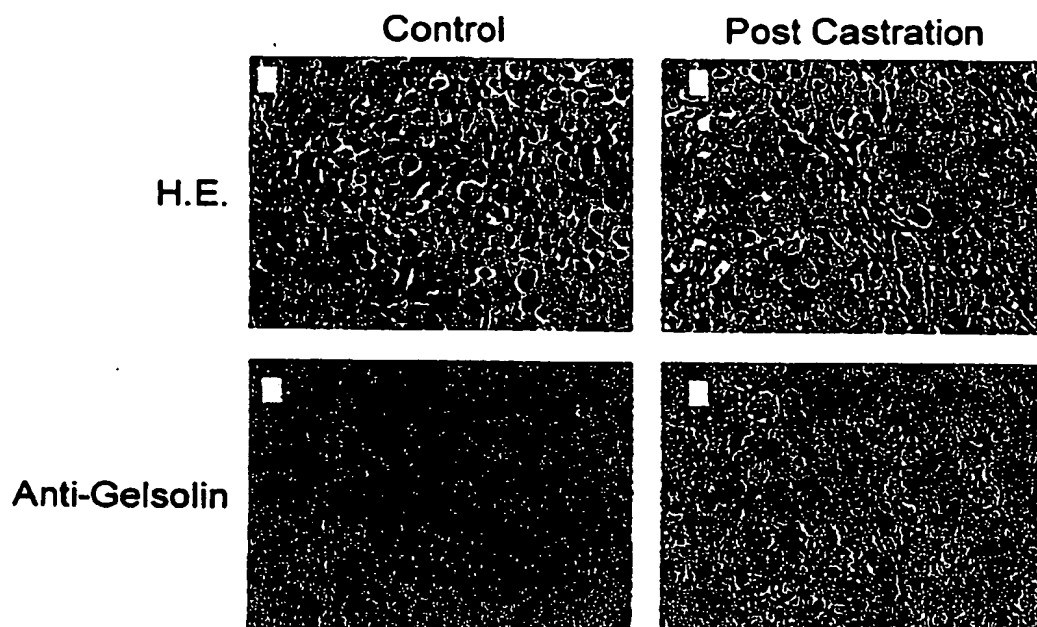
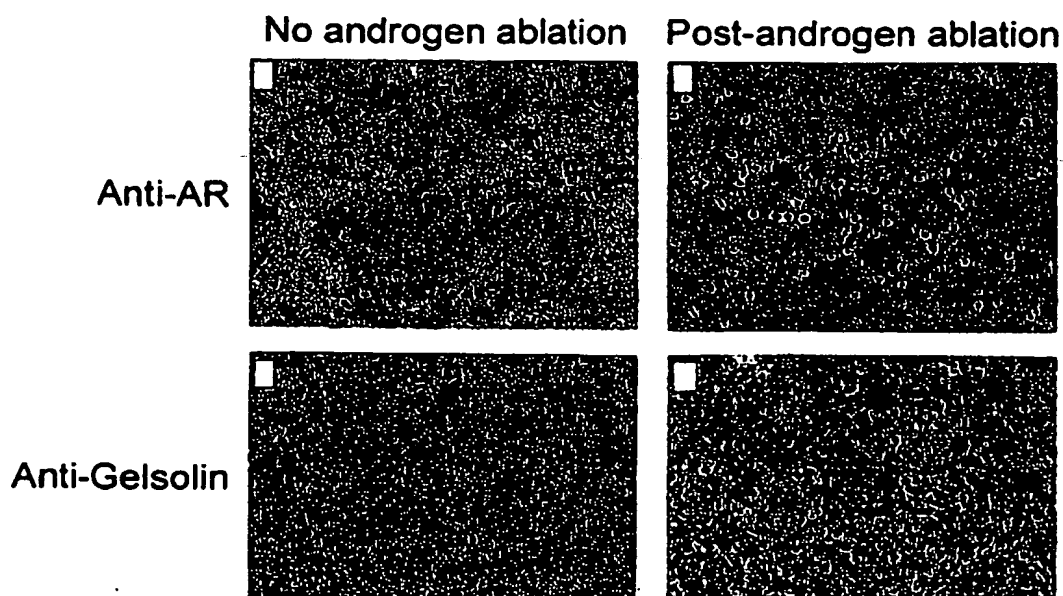


FIG.27B



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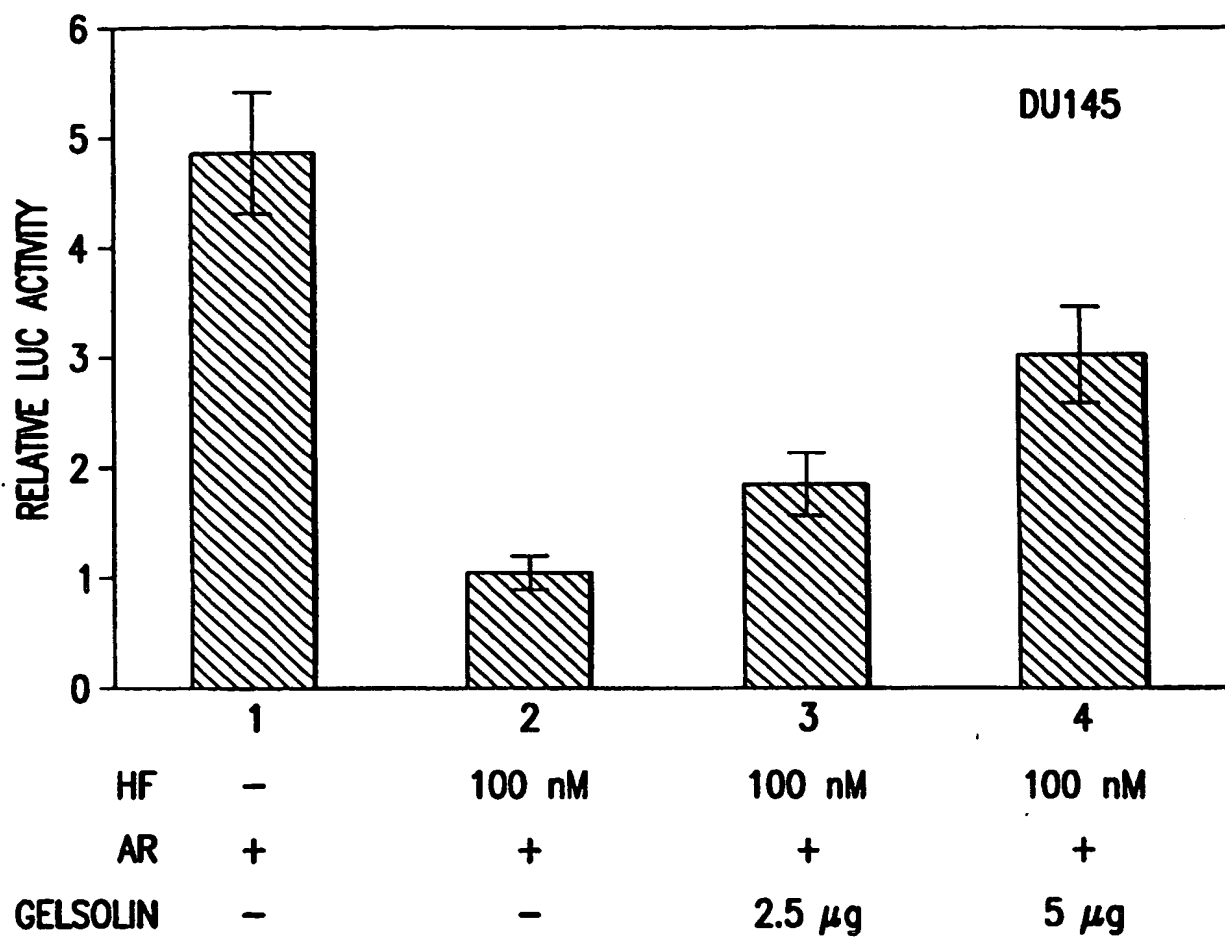


FIG.28

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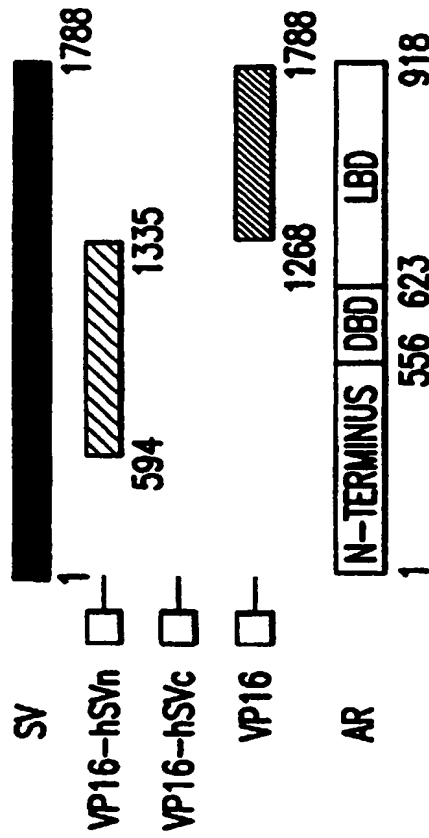


FIG.29B

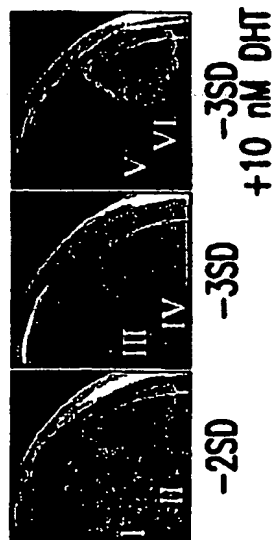
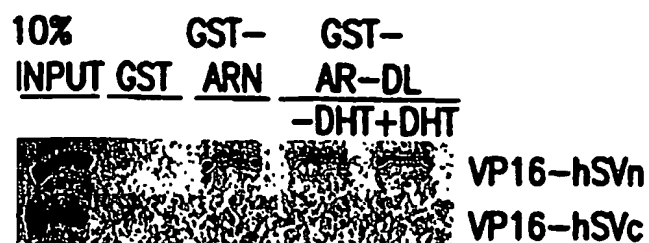
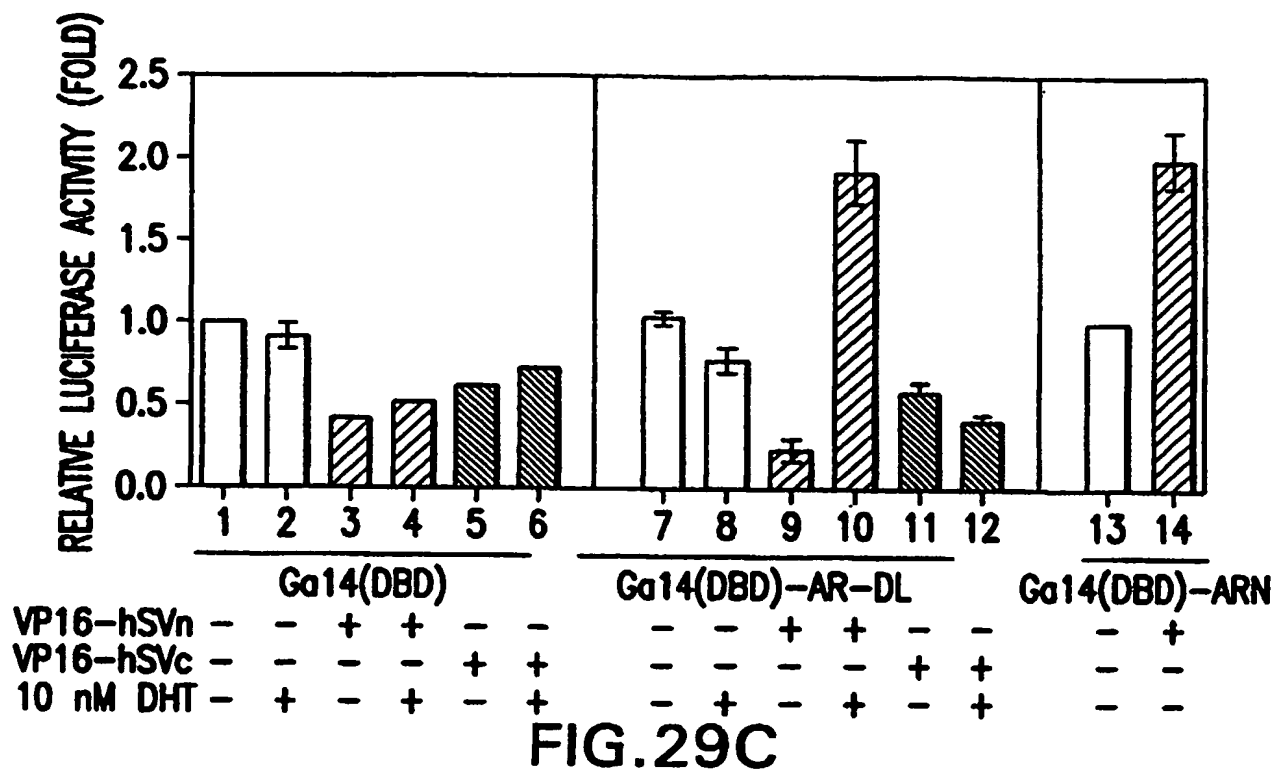


FIG.29A

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**FIG.29D**

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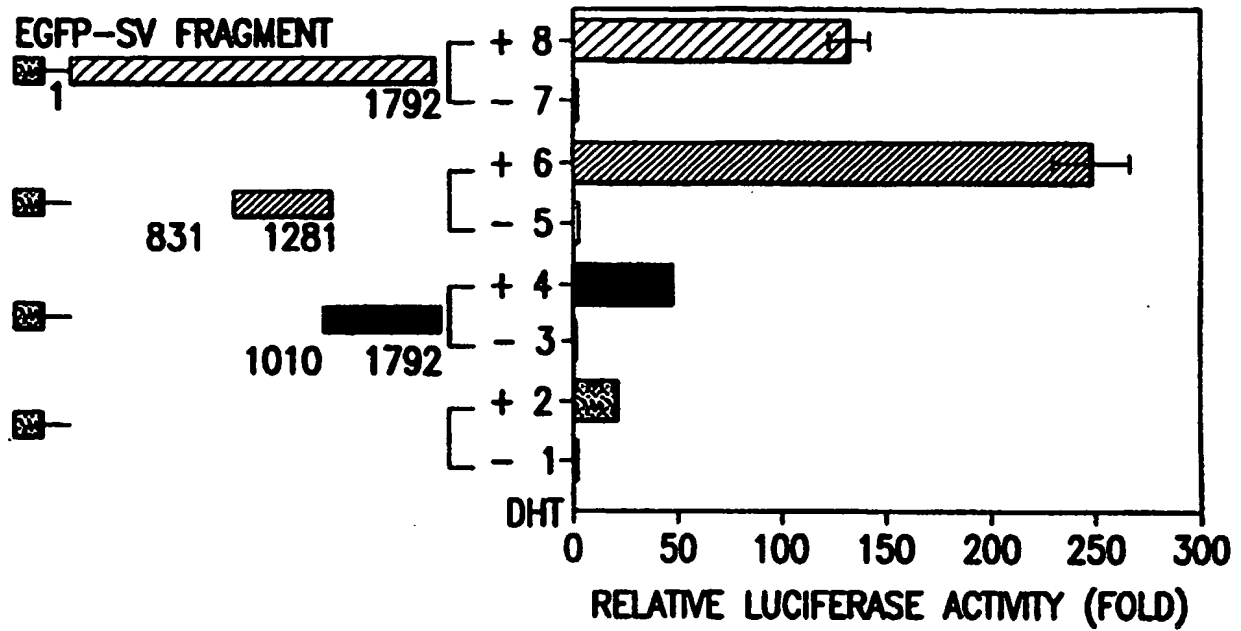


FIG.30A

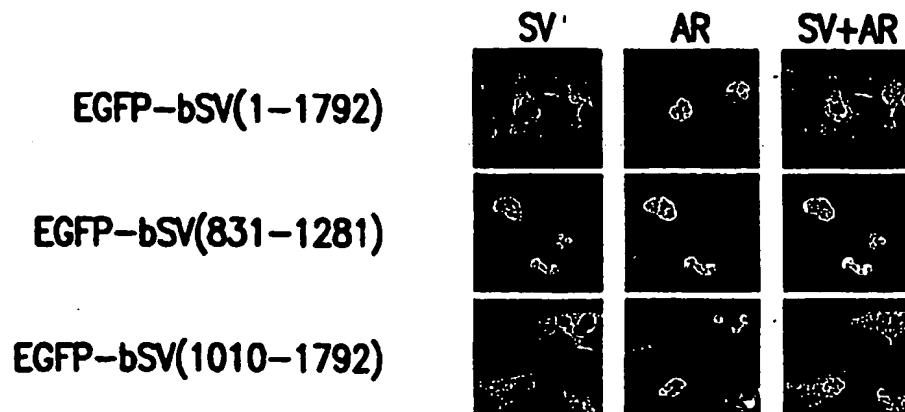


FIG.30B

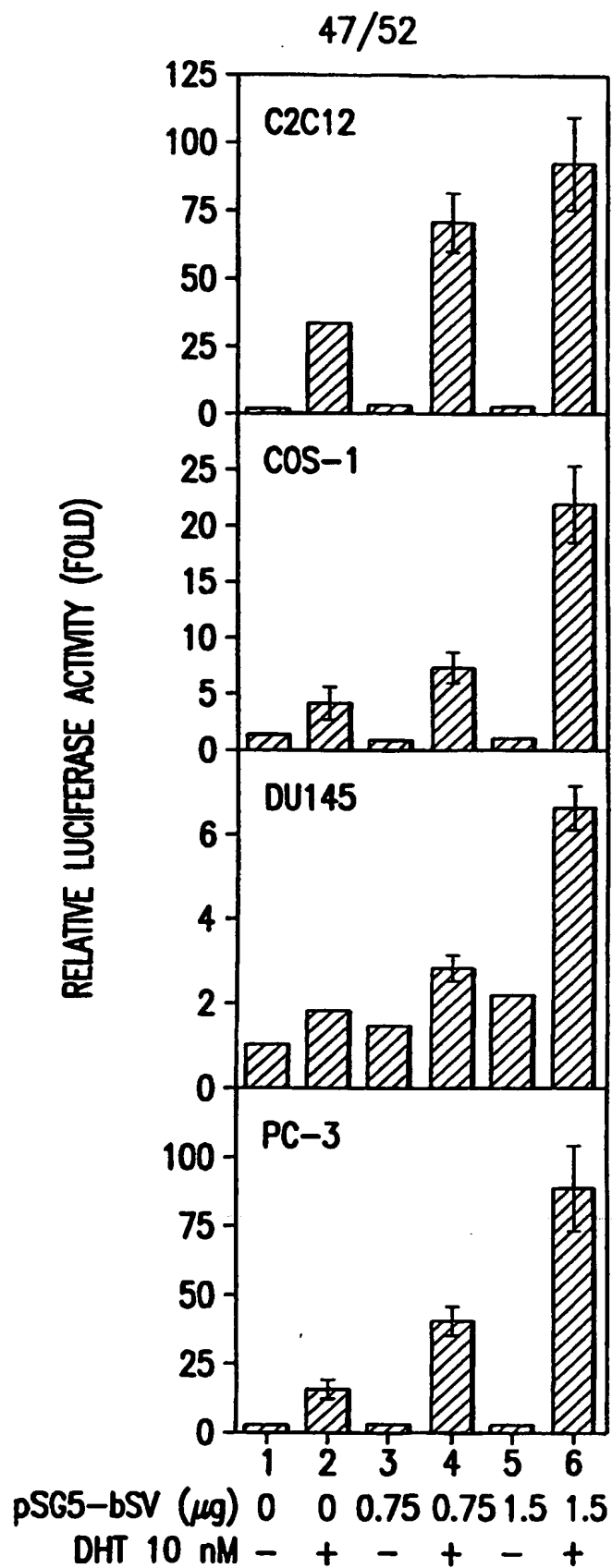


FIG.31A

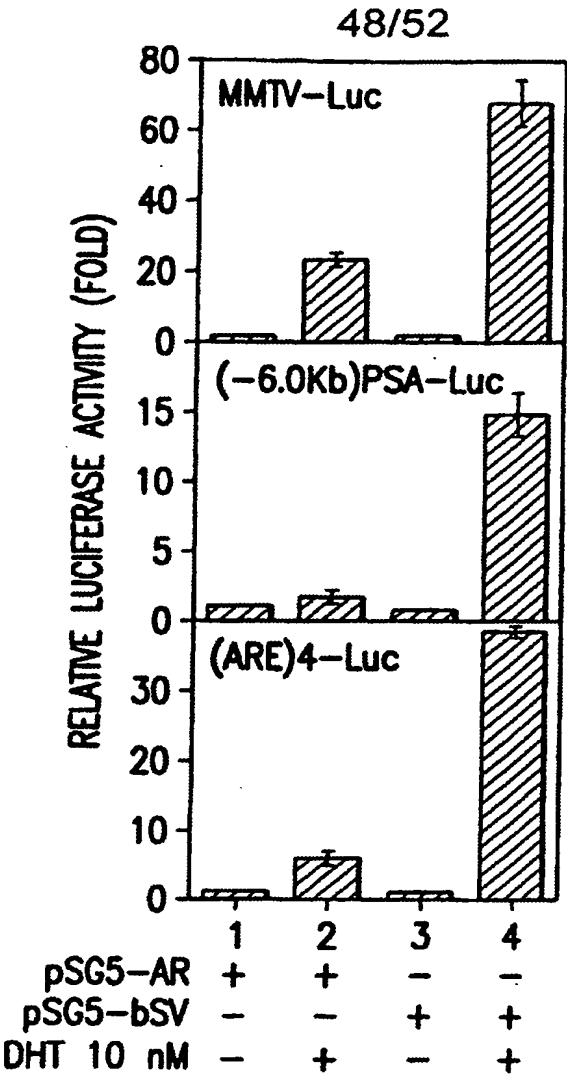
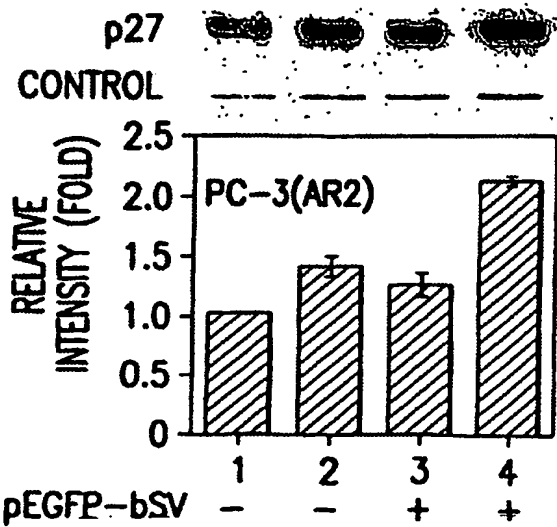


FIG.31B



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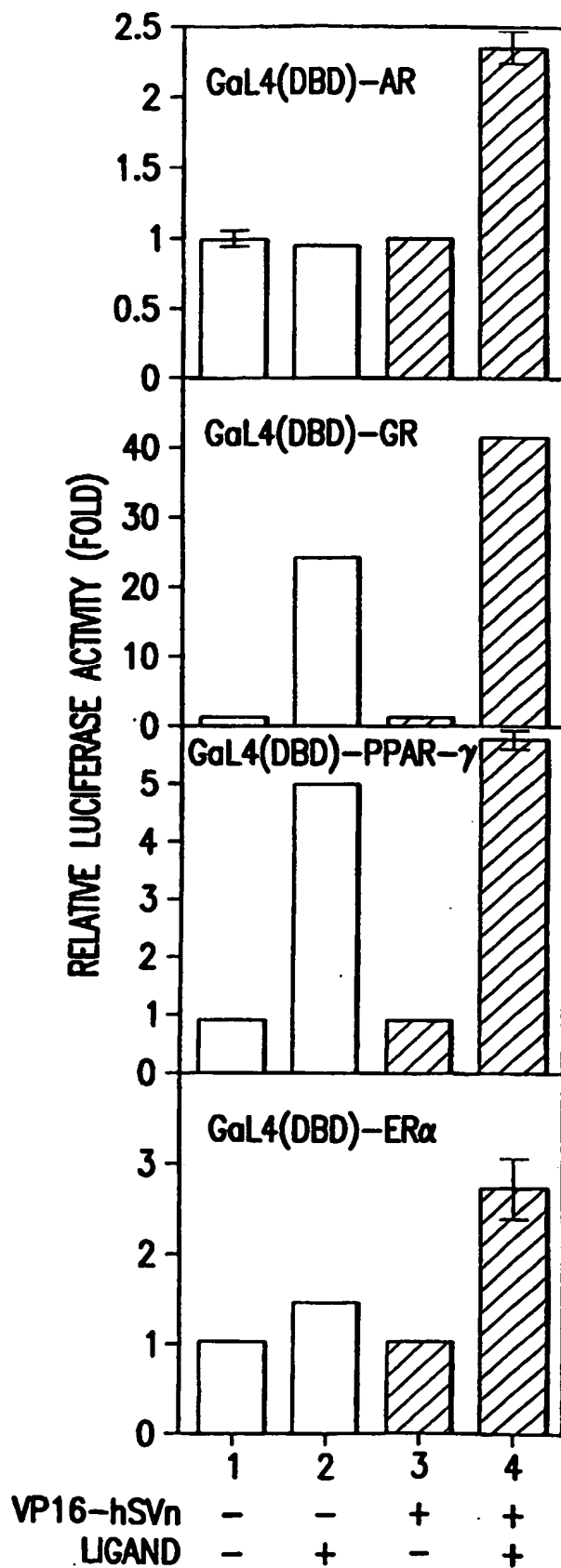


FIG 32A

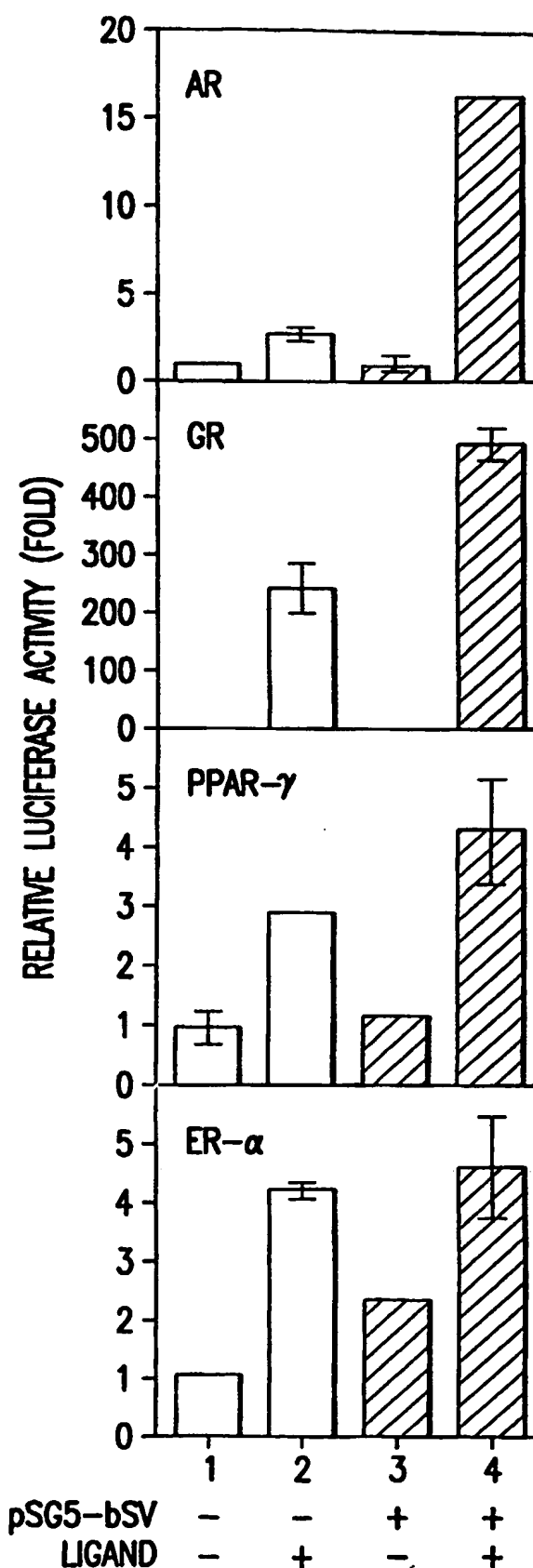


FIG 32B

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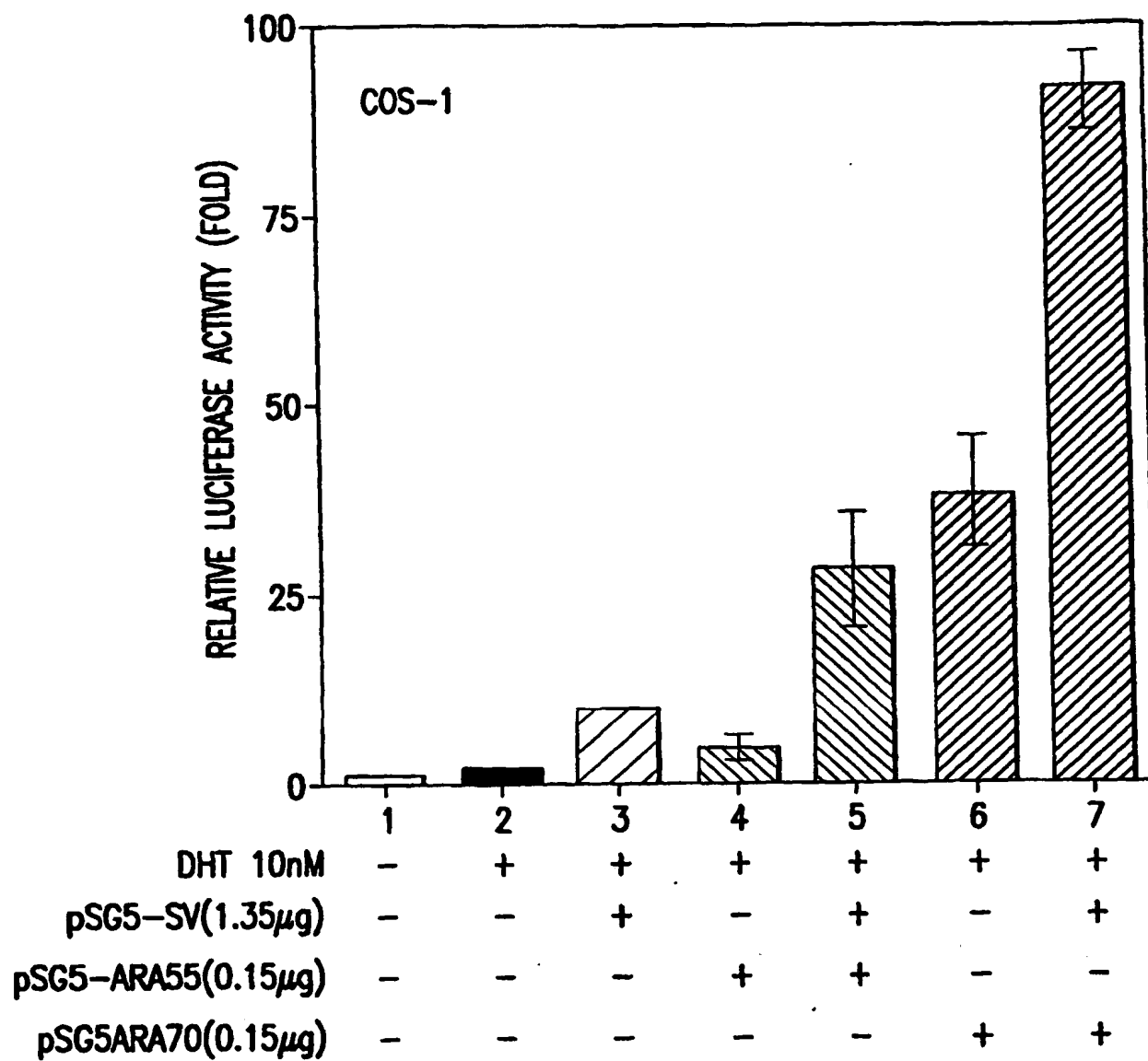


FIG.33A

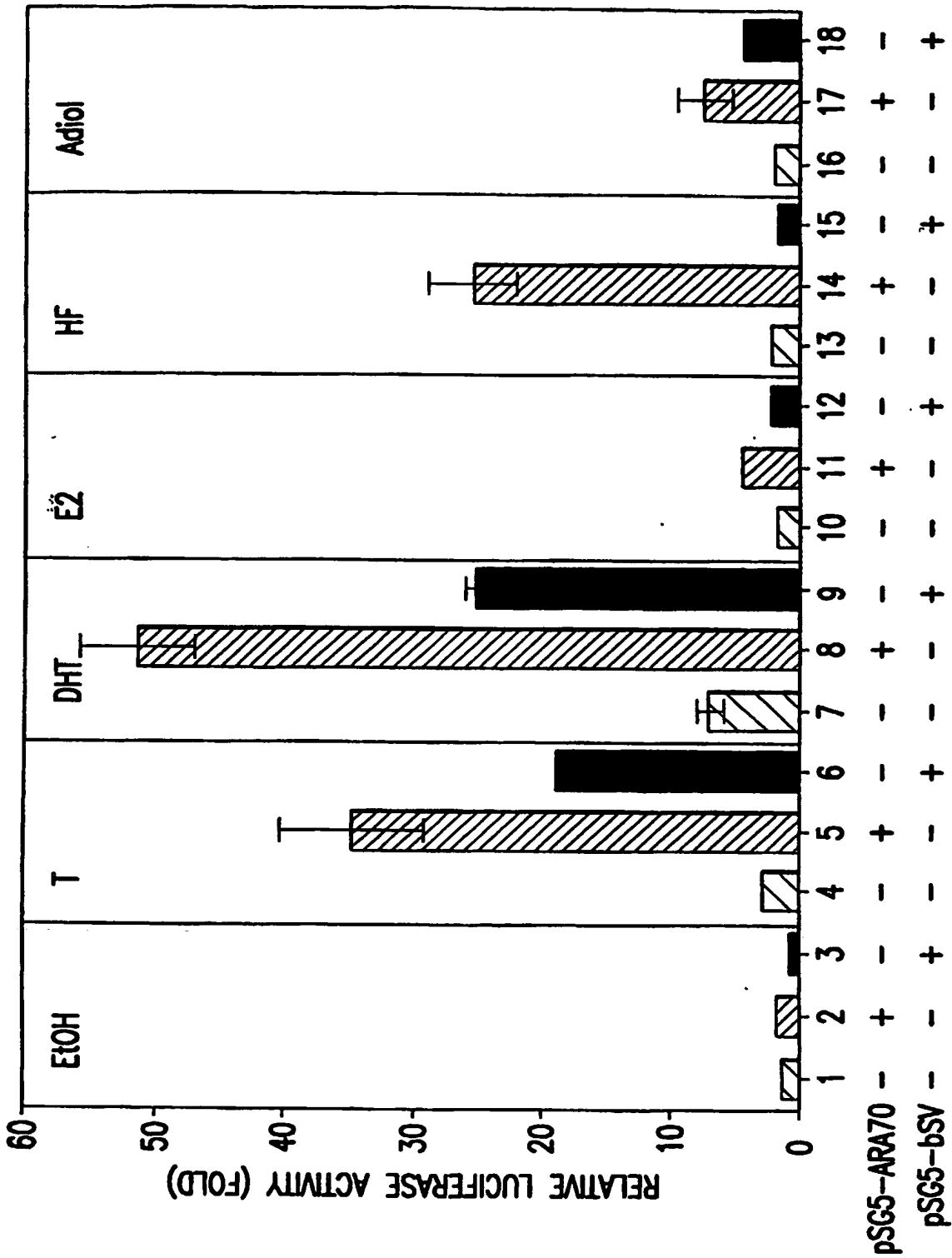


FIG.33B

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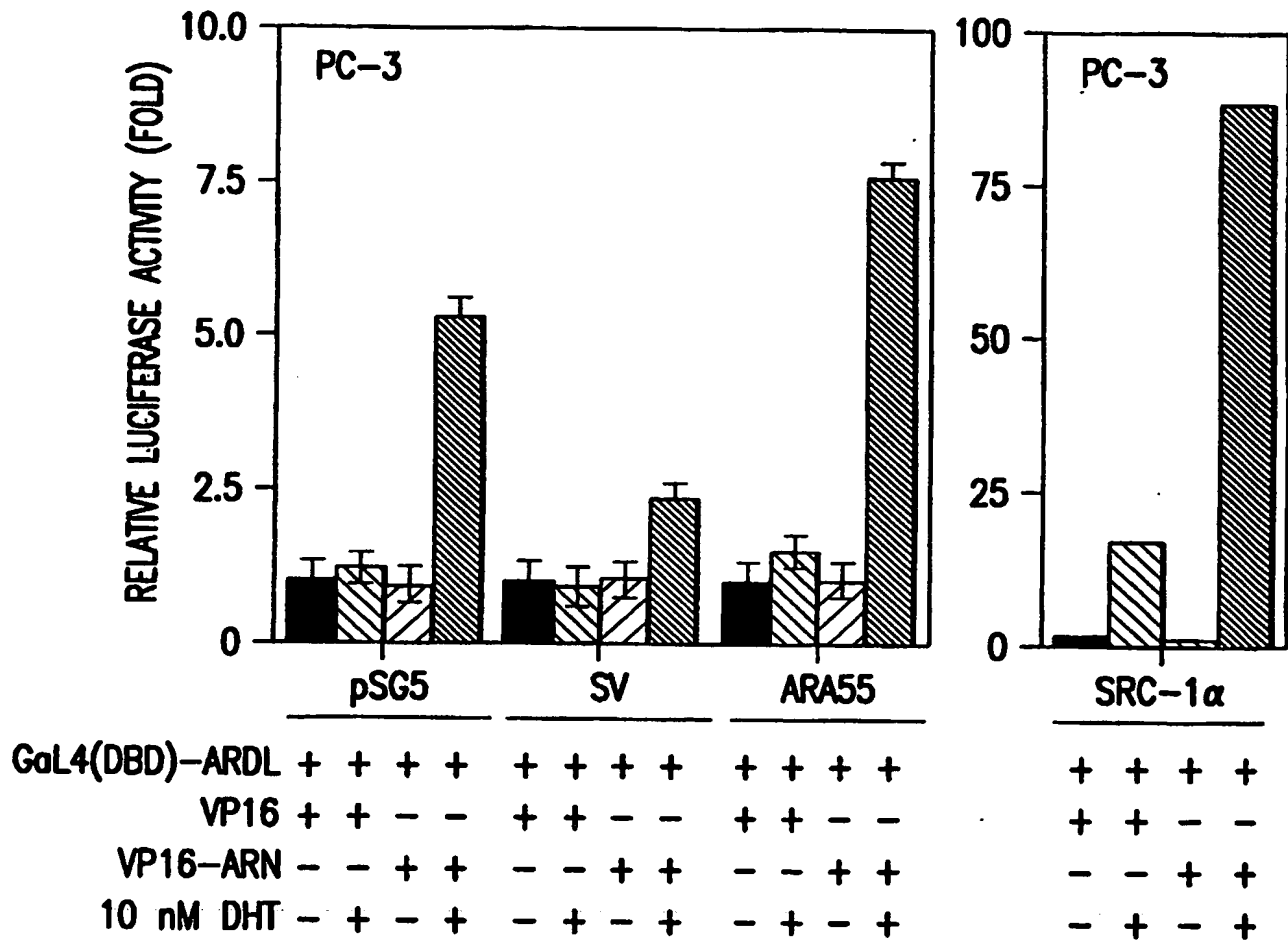


FIG.34